

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER


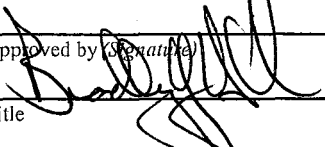
FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-33433
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		7. If Unit or CA Agreement, Name and No. UTU60768
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	3b. Phone No. (include area code) (435) 781-7060	8. Lease Name and Well No. BONANZA 1023-6H
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENE 2191' FNL 603' FEL 639894X 39.979309 At proposed prod. Zone 4426536Y -109.361700		9. API Well No. 43-047-37324
10. Field and Pool, or Exploratory Natural Buttes		11. Sec., T., R., M., or Blk. and Survey or Area SEC 6-T10S-R23E
14. Distance in miles and direction from nearest town or post office* 23.85 MILES SOUTHEAST OF OURAY, UTAH		12. County or Parish UINTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 603'		13. State UT
16. No. of Acres in lease 1922.95	17. Spacing Unit dedicated to this well 40	
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 8550'	20. BLM/BIA Bond No. on file CO-1203
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5209.5' GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) DEBRA DOMENICI	Date 10/18/2005
ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 10-26-05
ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

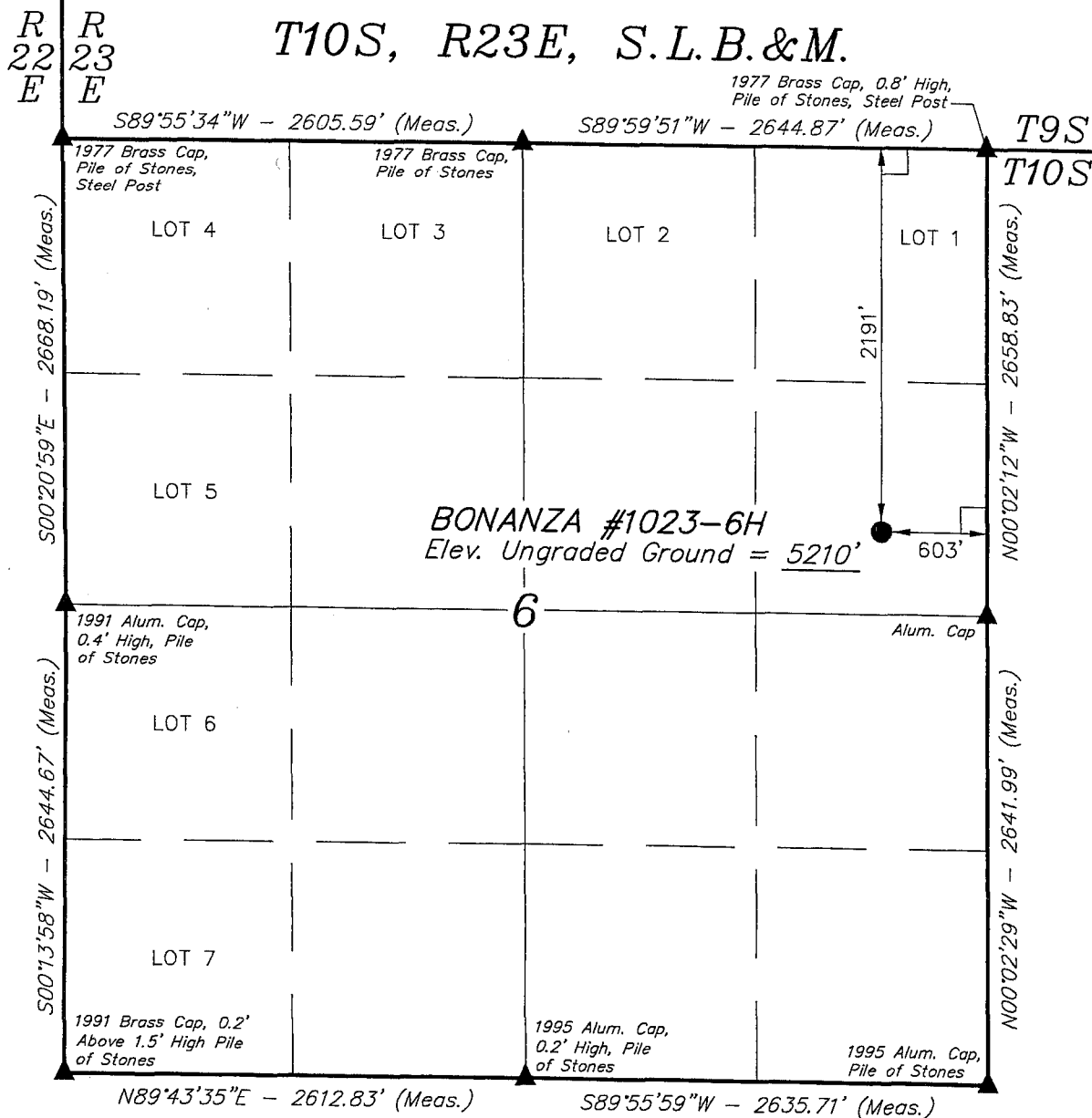
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

RECEIVED  
OCT 24 2005  
DIV. OF OIL, GAS & MINING



# LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 39°58'45.23" (39.979231)  
 LONGITUDE = 109°21'44.19" (109.362275)  
 (NAD 27)  
 LATITUDE = 39°58'45.35" (39.979264)  
 LONGITUDE = 109°21'41.74" (109.361594)

## WESTPORT OIL AND GAS COMPANY, L.P.

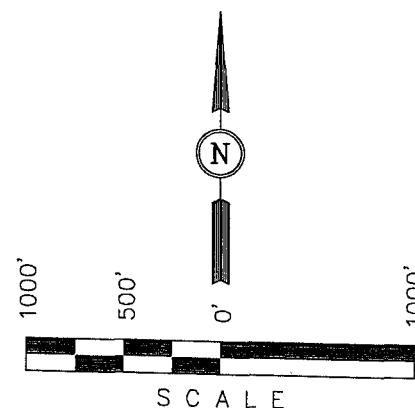
Well location, BONANZA #1023-6H, located as shown in the SE 1/4 NE 1/4 of Section 6, T10S, R23E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert H. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'		DATE SURVEYED: 08-22-05	DATE DRAWN: 09-13-05
PARTY D.K. L.K. P.M.		REFERENCES G.L.O. PLAT	
WEATHER WARM		FILE WESTPORT OIL AND GAS COMPANY, L.P.	

BONANZA 1023-6H  
SENE SEC 6-T10S-R23E  
UINTAH COUNTY, UTAH  
UTU-33433

ONSHORE ORDER NO. 1

***DRILLING PROGRAM***

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1370'
Wasatch	4225'
Mesaverde	6525'
TD	8550'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1370'
Gas	Wasatch	4225'
Gas	Mesaverde	6525'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

*Please refer to the attached Drilling Program.*

4. **Proposed Casing & Cementing Program:**

*Please refer to the attached Drilling Program.*

5. **Drilling Fluids Program:**

*Please refer to the attached Drilling Program.*

6. **Evaluation Program:**

*Please refer to the attached Drilling Program.*

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8550' TD, approximately equals 3420 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1539 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

9. **Variances:**

*Please refer to the attached Drilling Program.*

10. **Other Information:**

*Please refer to the attached Drilling Program.*





# Westport Oil and Gas Company, L.P.

## DRILLING PROGRAM

### CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						2270	1370	254000
SURFACE	9-5/8"	0 to 2000	32.30	H-40	STC	0.78*****	1.58	4.49
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8550	11.60	M-80 or I-80	LTC	2.66	1.32	2.32

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 10.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

MASP 2921 psi

\*\*\*\*\* Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

### CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		<b>NOTE: If well will circulate water to surface, option 2 will be utilized</b>					
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,720'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	4,830'	50/50 Poz/G + 10% salt + 2% gel	1350	60%	14.30	1.31

\*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

\*Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

### ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

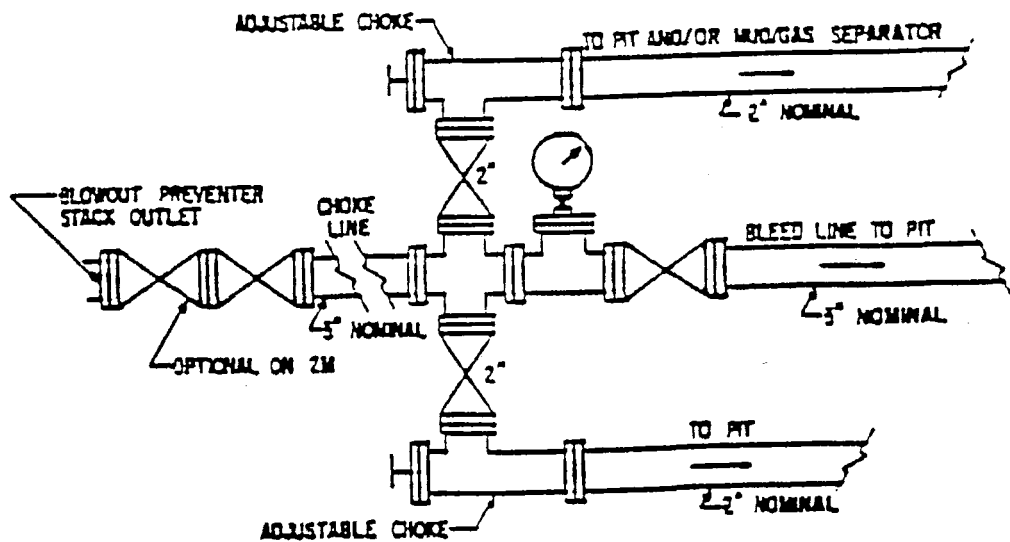
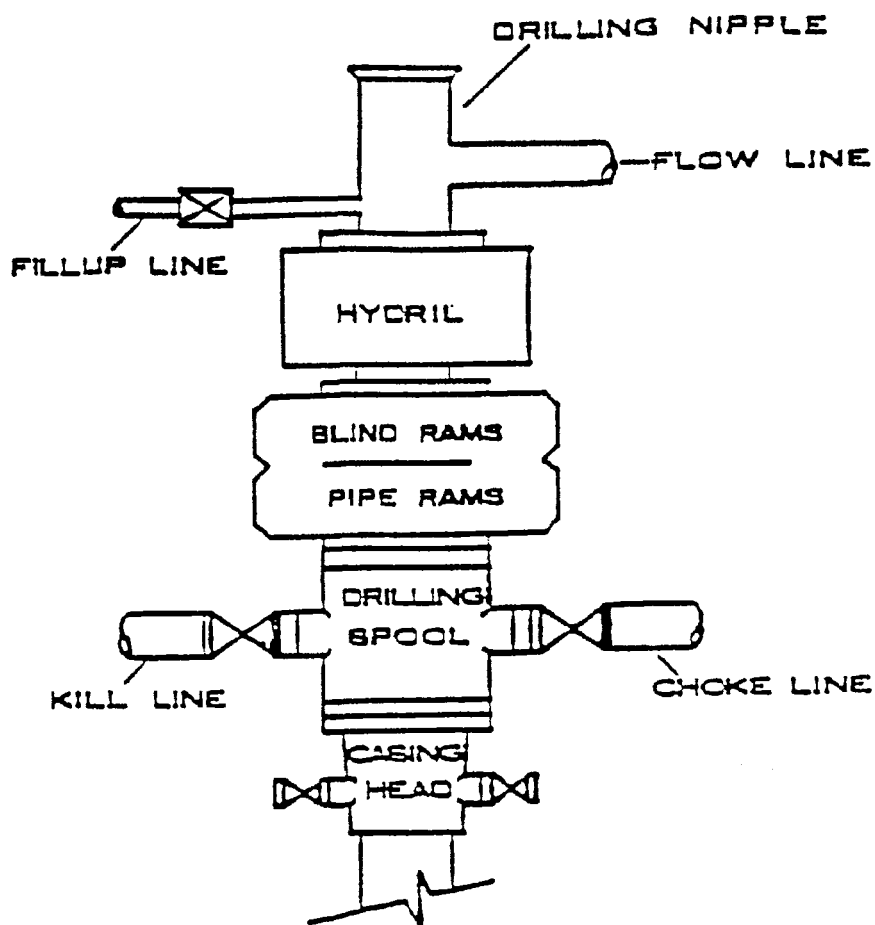
DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

3,000 PSI

## EOP STACK



**BONANZA 1023-6H  
SENE SEC 6-T10S-R23E  
UINTAH COUNTY, UTAH  
UTU-33433**

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

**1. Existing Roads:**

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

The proposed access road is approximately 290' +/- . Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

**3. Location of Existing Wells Within a 1-Mile Radius**

Please refer to Topo Map C.



**4. Location of Existing & Proposed Facilities**

*The following guidelines will apply if the well is productive.*

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the placement of the proposed pipeline.

**Exceptions to Best Management Practices (BMPs) Requested:**

Approximately 1665' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil type has a poor history for successful rehabilitation.

**5. Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Where available a 2" or 3" poly pipe will be installed with the existing rights-of-way to supply water during drilling and completion operations. There will be no new disturbance needed and the poly line will be removed after completion operations. The fresh water will be supplied from the power plant located within the following Sections 23, 24, 25, 26, 35, & 36, T8S, R23E.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

**6. Source of Construction Materials**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

**7. Methods of Handling Waste Materials**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

*Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).*

**8. Ancillary Facilities**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring of the pit, the stockpiled topsoil will be spread evenly over the location up to the rig anchor points, the location shall be reshaped to the

original contour to the extent possible, and the location will be reseeded with Crested Wheatgrass using appropriate reclamation methods.

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

**11. Surface Ownership:**

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435) 789-1362

**12. Lease Stipulations:**

No construction or drilling May 15 through July 20.

**13. Other Information:**

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

**Seed Mixture:**

The following seed mixture will be used during interim reclamation:

Crested Wheatgrass	6 lb/acre
Needle and Thread Grass	6 lb/acre

Operator will contact the BLM for the seed mixture when final reclamation of the location occurs.

**14. Lessee's or Operators's Representative & Certification:**

Debra Domenici  
Associate Environmental Analyst  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435) 781-7060

Randy Bayne  
Drilling Manager  
Westport O&G Co.  
1368 South 1200 East  
Vernal, UT 84078  
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Debra Domenici

October 18, 2005

Date

WESTPORT OIL AND GAS COMPANY, L.P.  
BONANZA #1023-6H  
SECTION 6, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILE TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1023-6B TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE BEGINNING OF THE PROPOSED ACCES TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 290' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.9 MILES.

# WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-6H  
LOCATED IN UTAH COUNTY, UTAH  
SECTION 6, T10S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

09 01 05  
MONTH DAY YEAR

PHOTO

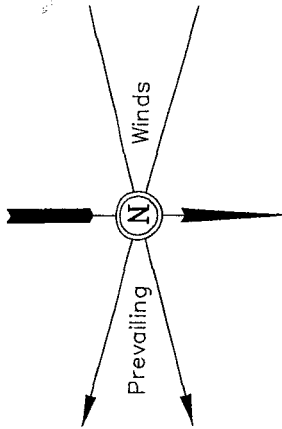
TAKEN BY: D.R.

DRAWN BY: C.H.

REVISED: 00-00-00

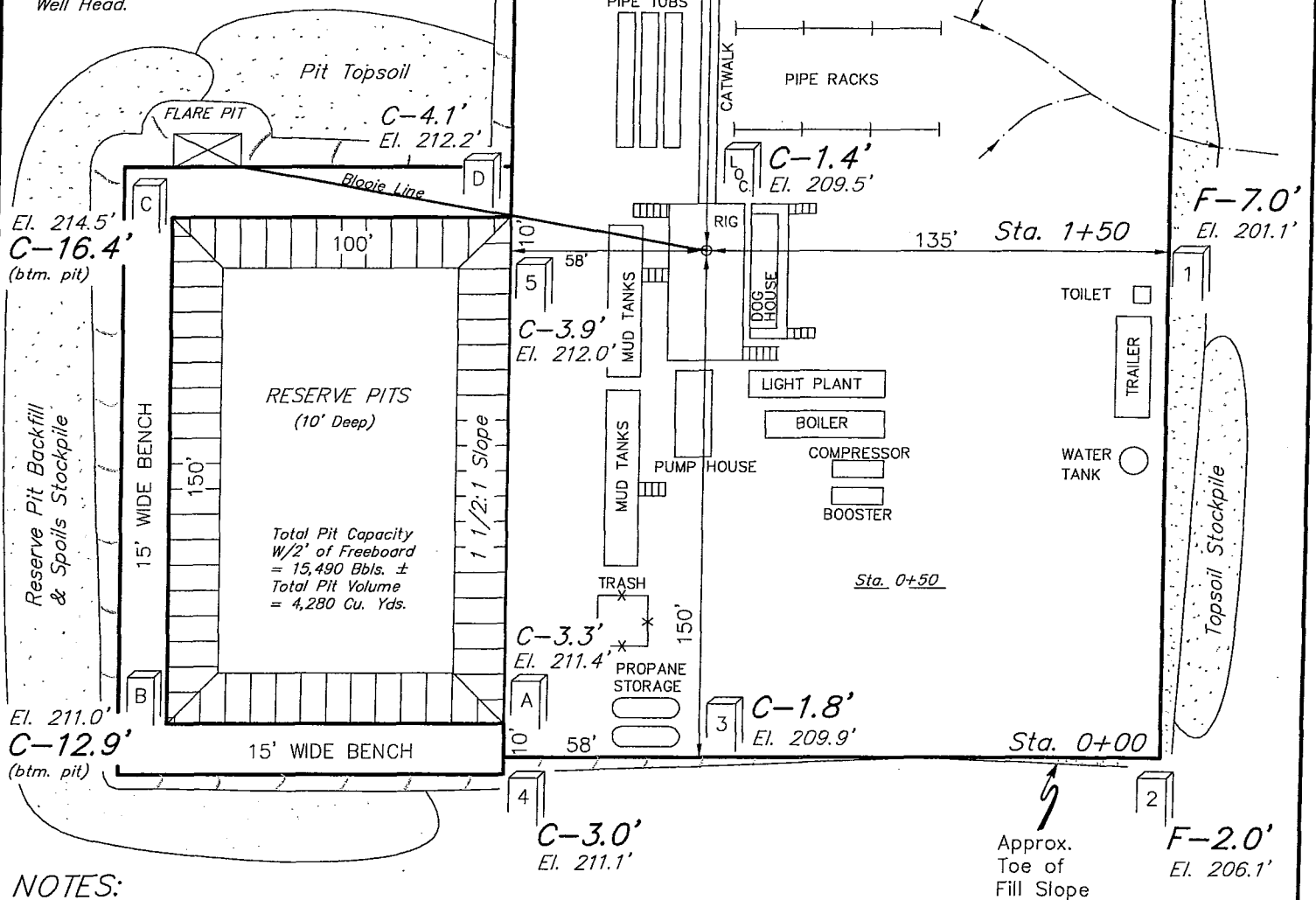
*FIGURE #1*

BONANZA #1023-6H  
SECTION 6, T10S, R23E, S.L.B.&M.  
2191' FNL 603' FEL



Approx.  $\frac{1}{2}$   
Top of —  
Cut Slope

Flare Pit is to be located  
a min. of 100' from the  
Well Head.

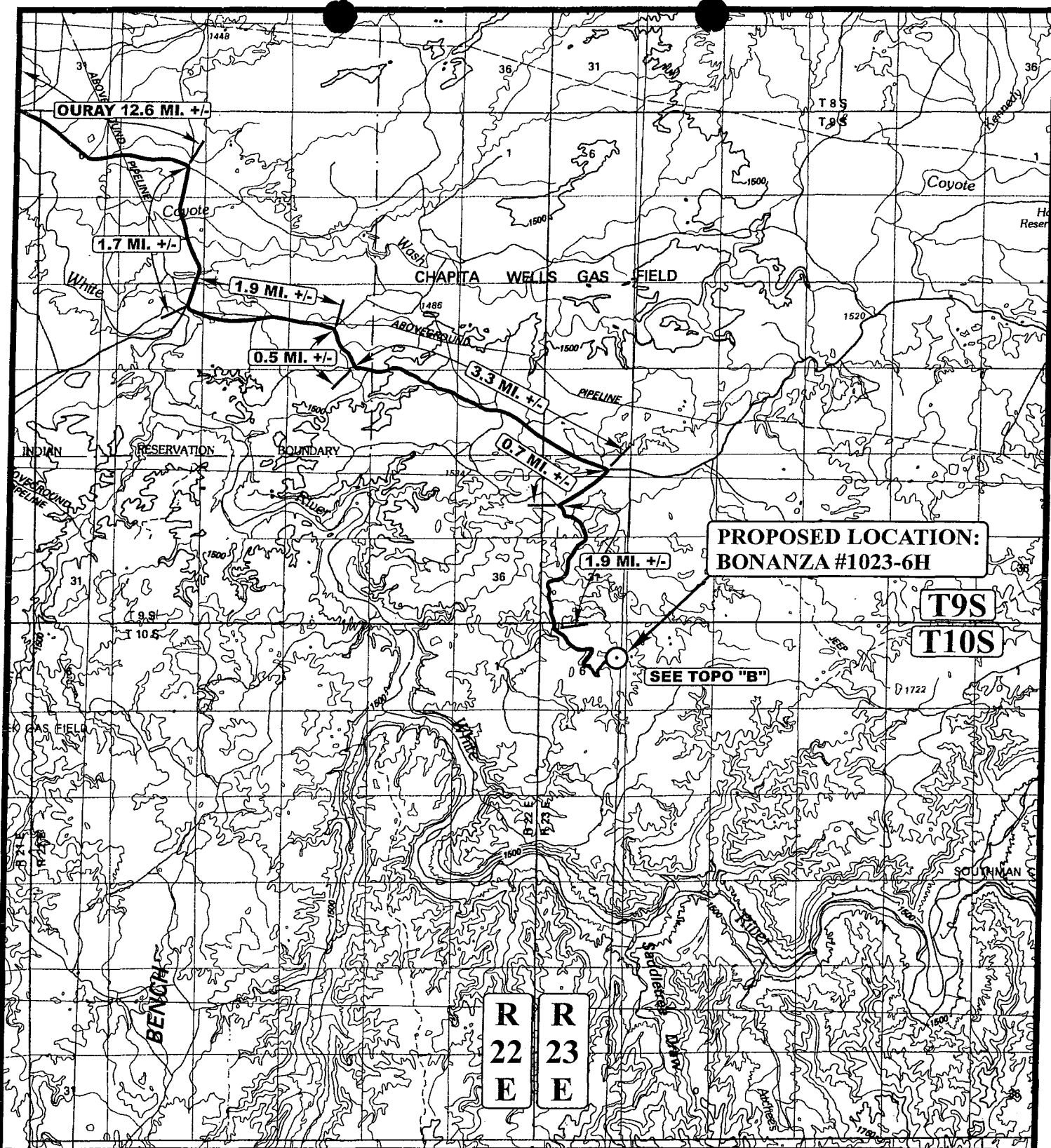


NOTES:

Elev. Ungraded Ground At Loc. Stake = 5209.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5208.1'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017





# LEGEND:

⊙ PROPOSED LOCATION



WESTPORT OIL AND GAS COMPANY, L.P.

BONANAZA #1023-6H

SECTION 6, T10S, R23E, S.L.B.&M.

2191' FNL 603' FEL



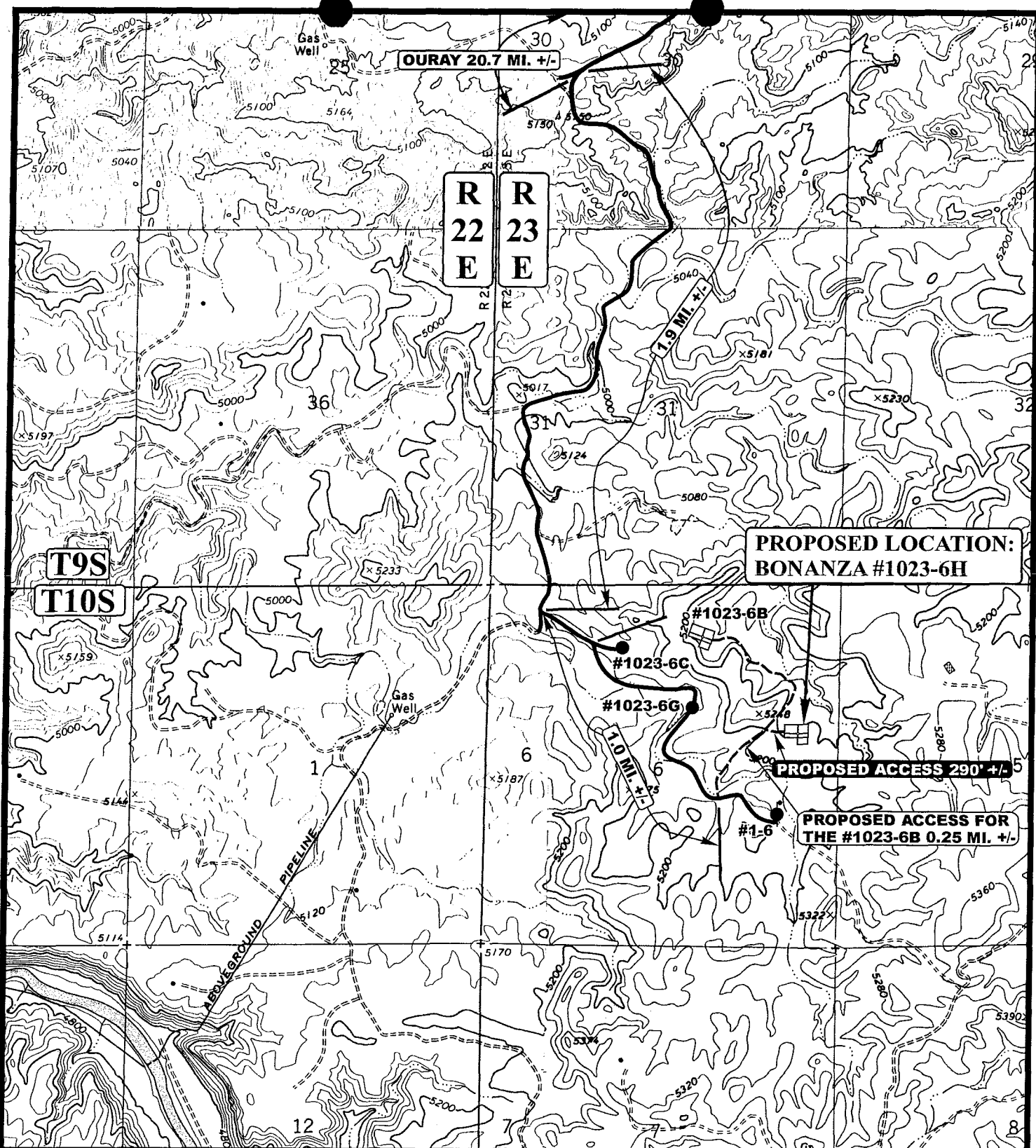
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

09 01 05  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.H. REVISED: 00-00-00





# **LEGEND:**

————— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD



**WESTPORT OIL AND GAS COMPANY, L.P.**

**BONANAZA #1023-6H**  
**SECTION 6, T10S, R23E, S.L.B.&M.**  
**2191' FNL 603' FEL**



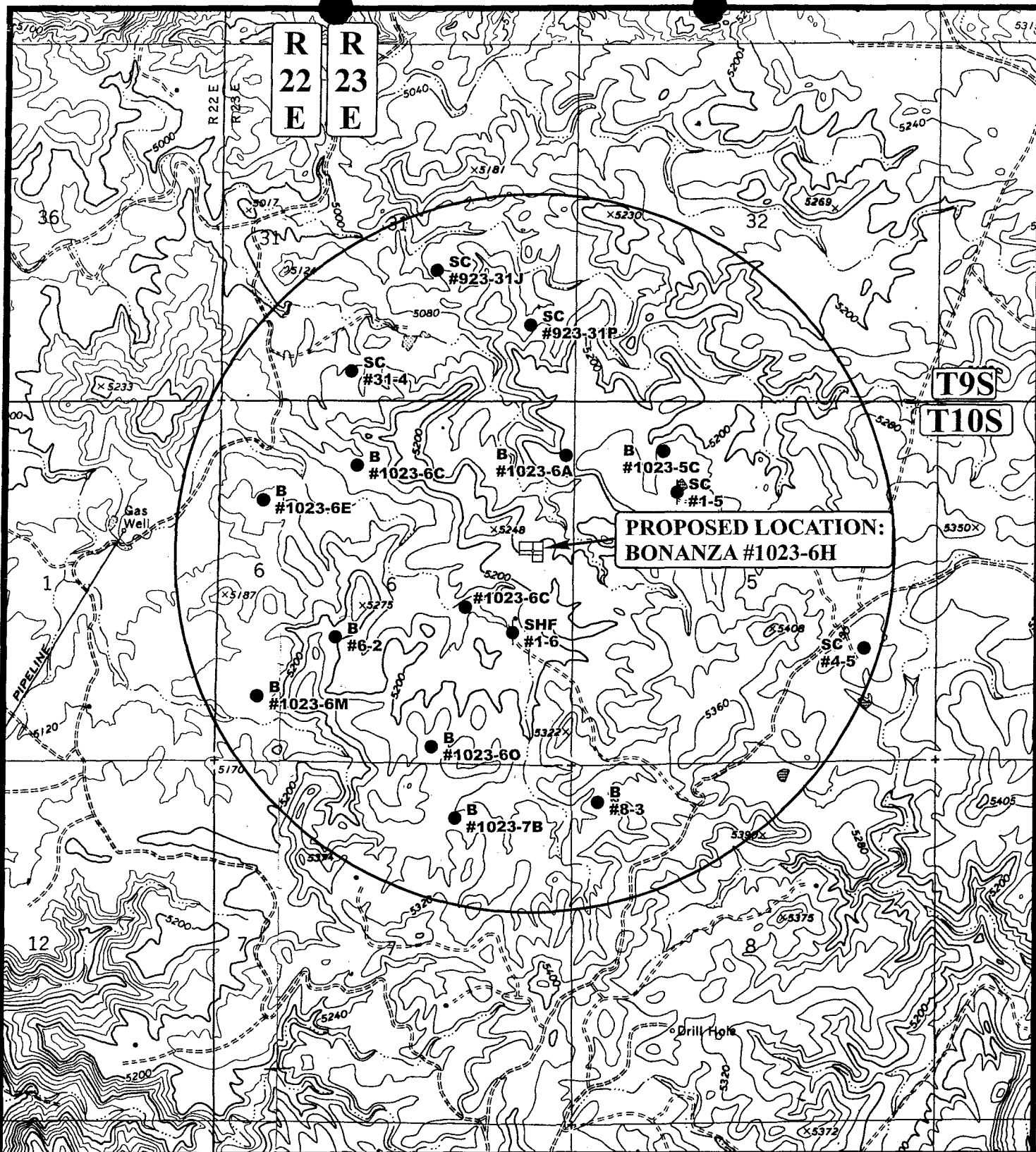
**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

<b>09</b>	<b>01</b>	<b>05</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.H. REVISED: 00-00-00





# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**WESTPORT OIL AND GAS COMPANY, L.P.**

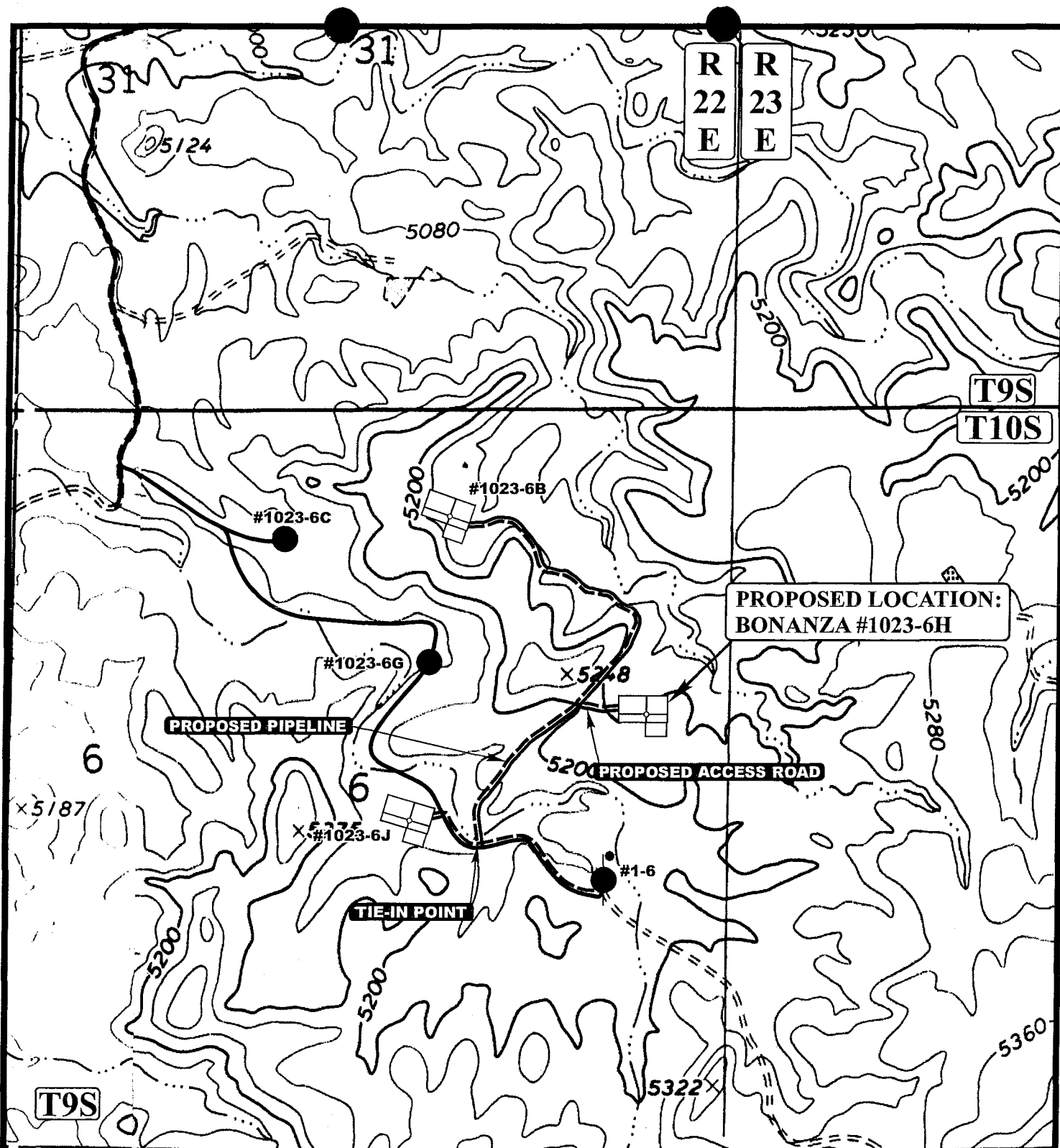
**BONANAZA #1023-6H**  
**SECTION 6, T10S, R23E, S.L.B.&M.**  
**2191' FNL 603' FEL**

**TOPOGRAPHIC**  
**MAP**

**09 01 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 1665' +/-

**LEGEND:**

- ===== PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



**WESTPORT OIL AND GAS COMPANY, L.P.**

**BONANAZA #1023-6H**  
**SECTION 6, T10S, R23E, S.L.B.&M.**  
**2191' FNL 603' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP**  
 09 01 05  
 MONTH DAY YEAR  
 SCALE: 1" = 1000' DRAWN BY: C.H. REVISED: 00-00-00



# WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

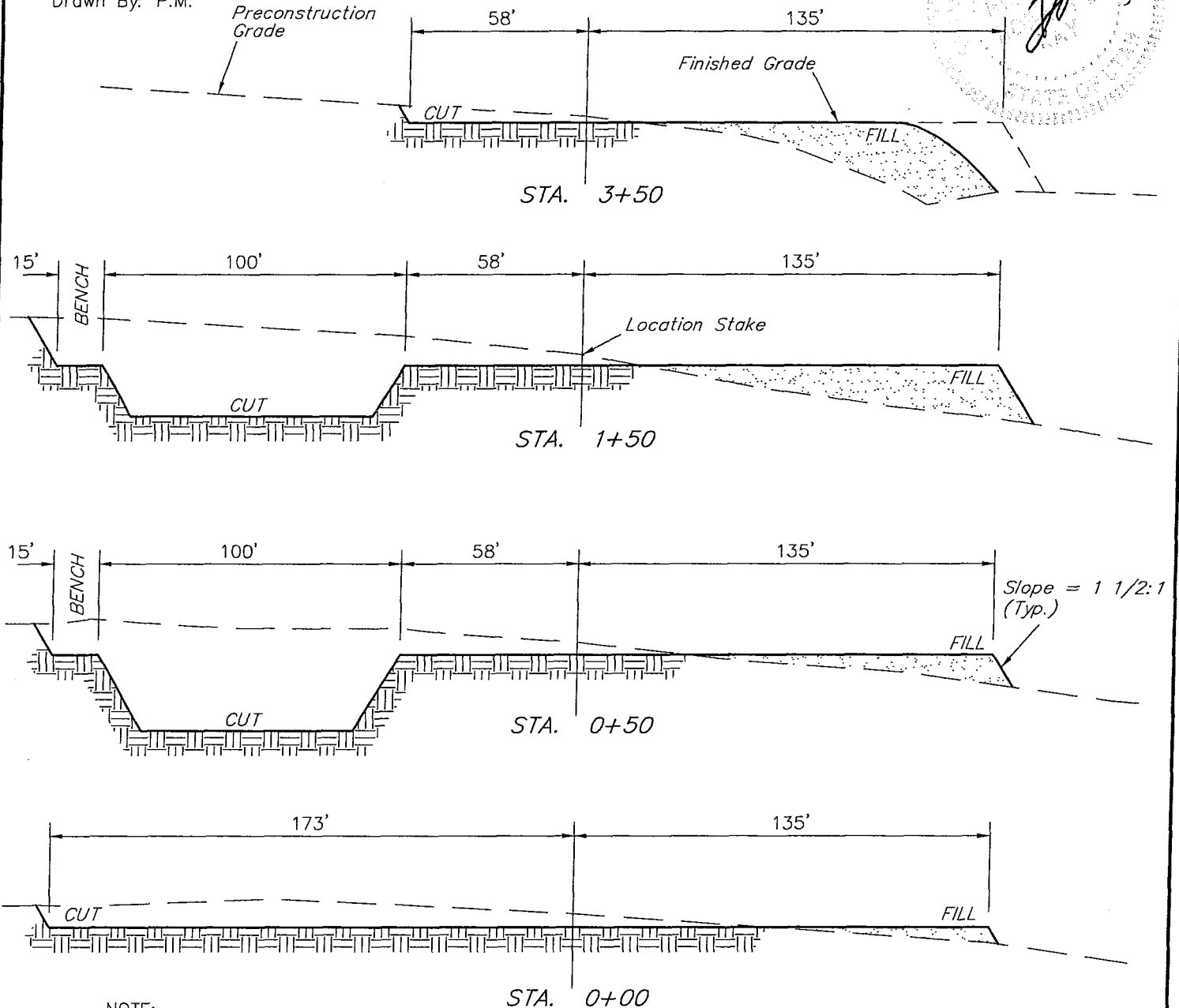
BONANZA #1023-6H

SECTION 6, T10S, R23E, S.L.B.&M.

2191' FNL 603' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 09-13-05  
Drawn By: P.M.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,850 Cu. Yds.
Remaining Location	= 9,050 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 10,900 CU.YDS.</b>
<b>FILL</b>	<b>= 5,690 CU.YDS.</b>

EXCESS MATERIAL	= 5,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,990 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,220 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/24/2005

API NO. ASSIGNED: 43-047-37324

WELL NAME: BONANA 1023-6H

OPERATOR: WESTPORT OIL & GAS CO ( N2115 )

CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SENE 06 100S 230E

SURFACE: 2191 FNL 0603 FEL

BOTTOM: 2191 FNL 0603 FEL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-33433

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.97931

LONGITUDE: -109.3617

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. CO-1203 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

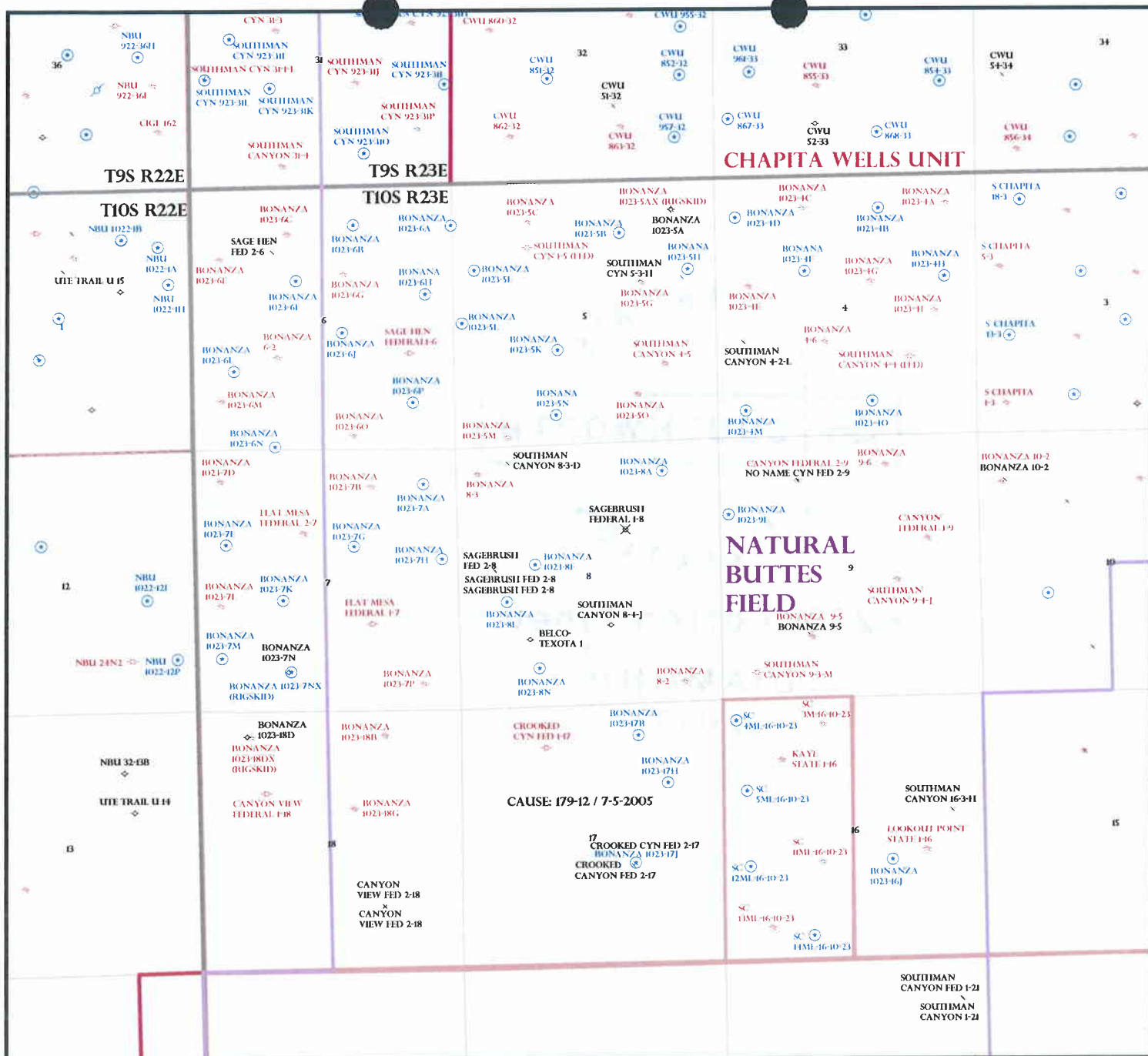
LOCATION AND SITING:

       R649-2-3.  
Unit \_\_\_\_\_  
       R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells  
       R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 129-12  
Eff Date: 7-5-05  
Siting: 460' from drill u b arg 8910 for other wells.  
       R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: 1. Fedina approved





OPERATOR: WESTPORT O&G CO (N2115)

SEC: 4,5,6,7 T. 10S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UNITAH

CAUSE: 179-12 / 7-5-2005

**Field Status**

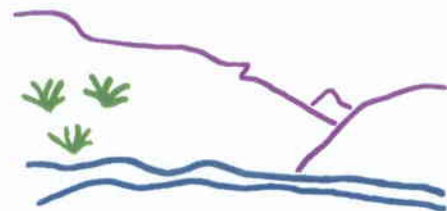
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 26-OCTOBER-2005



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 26, 2005

Westport Oil & Gas Company, LP  
1368 South 1200 East  
Vernal, UT 84078

Re: Bonanza 1023-6H Well, 2191' FNL, 603' FEL, SE NE, Sec. 6, T. 10 South, R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37324.

Sincerely,

Gil Hunt  
Associate Director

mf  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office



Operator: Westport Oil & Gas Company, LP  
Well Name & Number Bonanza 1023-6H  
API Number: 43-047-37324  
Lease: UTU-33433

Location: SE NE      Sec. 6      T. 10 South      R. 23 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

WELL NAME

SEC TWN RNG

API NO

ENTITY  
NO

LEASE  
TYPE

WELL  
TYPE

WELL  
STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

**9. Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, Transfer of Authority to

**Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
  2. Indian well(s) covered by Bond Number: RLB0005239
  3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
  - a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

*Earlene Russell*

**Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

*Randy Bayne*

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF  
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

CH. OF OIL, GAS & MIN. B.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-33433

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

BONANZA 1023-6H

9. API Well No.

4304737324

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

UINTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR McGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2191' FNL 603' FEL

SENE SEC 6-T10S-R23E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS AND MINING ON OCTOBER 26, 2005.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-16-06

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

[Signature: Ramey Hoopes]

Date

SEPTEMBER 21, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OCT 11 2006



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737324  
**Well Name:** BONANZA 1023-6H  
**Location:** SENE SEC 6-T10S-R23E  
**Company Permit Issued to:** KERR MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 10/26/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Barney Hoopes  
Signature

9/21/2006  
Date

Title: REGULATORY CLERK

Representing: KERR MCGEE OIL AND GAS ONSHORE L

RECEIVED  
OCT 11 2006

DIRECTOR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 19 2005

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-33433
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		7. If Unit or CA Agreement, Name and No. CR-3 <del>UTU60768</del>
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	3b. Phone No. (include area code) (435) 781-7003	8. Lease Name and Well No. BONANZA 1023-6H
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SENE 2191' FNL 603' FEL At proposed prod. Zone		9. API Well No. 4304737324
14. Distance in miles and direction from nearest town or post office* 23.85 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory SEC 6-T10S-R23E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 603'	16. No. of Acres in lease 1922.95	11. Sec., T., R., M., or Blk. and Survey or Area SEC 6-T10S-R23E
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	17. Spacing Unit dedicated to this well 40	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5209.5' GL	19. Proposed Depth 8550'	13. State UT
22. Approximate date work will start* UPON APPROVAL		20. BLM/BIA Bond No. on file CO-1203
23. Estimated duration TO BE DETERMINED		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |   |
|---|---|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).   |
| 2. A Drilling Plan.   | 5. Operator certification.  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature <i>Ramey Hoopes</i>	Name (Printed/Typed) RAMEY HOOPES	Date 4/13/2006
--------------------------------------	--------------------------------------	-------------------

REGULATORY CLERK		
Approved by (Signature) <i>Terry Henczka</i>	Name (Printed/Typed) TERRY HENCZKA	Date 2/23/2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to an officer or agent of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

MAR 06 2007

DIV. OF OIL, GAS & MINERALS

U0061M

06 GXJ 0433A

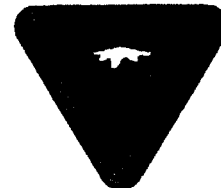
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Kerr McGee Oil & Gas  
Well No: Bonanza 1023-6H  
API No: 43-047-37324

Location: SENE, Sec 6, T10S, R23E  
Lease No: UTU-33433  
Agreement: CA 74898

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- Location Construction - Forty-Eight (48) hours prior to construction of location and access roads.  
(Notify Environmental Scientist)
- Location Completion - Prior to moving on the drilling rig.  
(Notify Environmental Scientist)
- Spud Notice - Twenty-Four (24) hours prior to spudding the well.  
(Notify Petroleum Engineer)
- Casing String & Cementing - Twenty-Four (24) hours prior to running casing and cementing all casing strings.  
(Notify Supervisory Petroleum Technician)
- BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests.  
(Notify Supervisory Petroleum Technician)
- First Production Notice - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.  
(Notify Petroleum Engineer)

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**SITE SPECIFIC CONDITIONS OF APPROVAL**

1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
2. The operator shall construct a low water crossing on the access road near the well pad, and a diversion ditch around the northwest area of the well pad in order to maintain adequate drainage.
3. The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
4. Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.
5. The lessee/operator is given notice that lands on the lease have a stipulation. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through July 20.

**GENERAL SURFACE CONDITIONS OF APPROVAL**

1. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

### ***DOWNHOLE CONDITIONS OF APPROVAL***

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### **SITE SPECIFIC CONDITIONS OF APPROVAL**

1. None

### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
8. Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

9. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
10. A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
11. **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
12. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
13. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
14. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all

future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

15. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
16. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
17. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
18. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
19. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day

period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

20. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



## CONDITIONS OF APPROVAL

Communitization Agreement Number CR-3, (E1/2, Section 6, T10S, R23E) was approved to include only production from the Mesaverde Formation.

Prior to well completion, approval by this office shall be required before production is established from any other formation(s).

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-33433

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

CR-3

8. Well Name and No.

BONANZA 1023-6H

9. API Well No.

4304737324

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL AND GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

435-781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2191'FNL-603'FEL

SENE SEC 6-T10S-R23E

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>APD EXTENSION</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>DOGM</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL NOTICE WAS APPROVED BY THE DIVISION OF OIL AND GAS ON OCTOBER 26, 2005.

Approved by the  
Utah Division of  
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 9-28-07

Initials: dm

Date: 09-27-07

By: [Signature]

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

REBECCA WORTHEN

Title

LAND SPECIALIST

Signature

[Signature]

Date

September 17, 2007

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

SEP 25 2007

DIV. OF OIL, GAS &amp; MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304737324  
**Well Name:** BONANZA 1023-6H  
**Location:** SENE, SEC 6-T10S-R23E  
**Company Permit Issued to:** KERR-MCGEE OIL AND GAS ONSHORE LP  
**Date Original Permit Issued:** 10/26/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Rebecca Worthen  
Signature

9/17/2007  
Date

Title: LAND SPECIALIST

Representing: Kerr McGee Oil and Gas Onshore LP

**RECEIVED  
SEP 25 2007**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No. **RECEIVED**  
**UTU-33433**  
**VERNAL FIELD OFFICE**

6. If Indian, Allottee or Tribe Name  
**2008 FEB -5 PM 4:02**

7. If Unit or CA/Agreement, Name and/or No.  
**BUREAU OF LAND MGMT.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR MCGEE OIL AND GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**435-781-7003**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2191' FNL 603' FEL**

**SE/NE SEC. 6, T10S, R23E 2191'FNL, 603'FEL**

8. Well Name and No.

**BONANZA 1023-6H**

9. API Well No.

**4304737324**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other BLM APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>EXTENSION</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR A ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE ON 02/23/2007.

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**February 5, 2008**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

**Mark Baker**

**Petroleum Engineer**

Date

**FEB 13 2008**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**UDOGM**

**RECEIVED**  
**FEB 28 2008**

**UDOGM OF OIL, GAS & MINING**

# **CONDITIONS OF APPROVAL**

## **Kerr-McGee Oil & Gas Co.**

### **Notice of Intent APD Extension**

**Lease:** UTU-33433  
**Well:** Bonanza 1023-6H  
**Location:** SENE Sec 6-T10S-R23E

An extension for the referenced APD is approved with the following conditions:

---

1. The extension and APD shall expire on 02/23/09
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: KERR-McGEE OIL & GAS ONSHORE, LP

Well Name: BONANZA 1023-6H

Api No: 43-047-37324 Lease Type: FEDERAL

Section 06 Township 10S Range 23E County UINTAH

Drilling Contractor PETE MARTIN RIG # BUCKET

### **SPUDDED:**

Date 04/09/08

Time 1:30 PM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 04/10/08 Signed CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/NE SEC. 6, T10S, R23E 2191'FNL, 603'FEL**

5. Lease Serial No.

**UTU-33433**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**CR-3**

8. Well Name and No.

**BONANZA 1023-6H**

9. API Well No.

**4304737324**

10. Field and Pool, or Exploratory Area

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>WELL SPUD</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7#  
SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.**

**SPUD WELL LOCATION ON 04/09/2008 AT 1330 HRS.**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**SHEILA UPCHEGO**

Title

**SENIOR LAND ADMIN SPECIALIST**

Signature

Date

**April 9, 2008**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**APR 15 2008**

**DIV. OF OIL, GAS & MINING**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: 1368 SOUTH 1200 EAST  
city VERNAL  
state UT zip 84078 Phone Number: (435) 781-7024

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737545	NBU 1022-17L		NWSW	17	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	4/8/2008			<u>4/28/08</u>	
Comments: MIRU PETE MARTIN AIR RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/08/2008 AT 0930 HRS.							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739367	NBU 921-23C		NENW	23	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	4/9/2008			<u>4/28/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/09/2008 AT 0830 HRS							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737324	BONANZA 1023-6H		SENE	6	10S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>A</u>	99999	<u>16798</u>	4/9/2008			<u>4/28/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSTMVD</u> SPUD WELL LOCATION ON 04/09/2008 AT 1330 HRS.							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

**RECEIVED**

**APR 24 2008**

DIV. OF OIL, GAS & MINING

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

Title

4/9/2008

Date



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL &amp; GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/NE SEC. 6, T10S, R23E 2191'FNL, 603'FEL

5. Lease Serial No.

UTU-33433

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

CR-3

8. Well Name and No.

BONANZA 1023-6H

9. API Well No.

4304737324

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 04/26/2008. DRILLED 12 1/4" SURFACE HOLE TO 2130'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT 150 PSI LIFT. TOP OUT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL

WORT.

RECEIVED

MAY 08 2008

DIV. OF OIL &amp; GAS MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 30, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

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**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

KERR-McGEE OIL &amp; GAS ONSHORE LP

## 3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

## 3b. Phone No. (include area code)

(435) 781-7024

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/NE SEC. 6, T10S, R23E 2191'FNL, 603'FEL

## 5. Lease Serial No.

UTU-33433

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

CR-3

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BONANZA 1023-6H

## 9. API Well No.

4304737324

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NATURAL BUTTES

## 11. County or Parish, State

UINTAH COUNTY, UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION			
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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FINISHED DRILLING FROM 2130' TO 8440' ON 05/15/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/382 SX PREM LITE II @11.5 PPG 3.02 YIELD. TAILED CMT W/1103 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. DISPLACE W/130 BBLS OF H2O BUMP PLUG FLOAT HELD. FLUSH STACK AND LAND CSG. W/75K PRESSURE TEST MANDREL TO 5000 PSI LD LANDING JT NIPPLE DOWN. BOP AND TROLLEY OUT CLEAN PITS.

RELEASED PIONEER RIG 68 ON 05/17/2008 AT MIDNIGHT.

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

May 19, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

RECEIVED

MAY 21 2008

DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTU-33433

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

CR-3

8. Well Name and No.

BONANZA 1023-6H

9. API Well No.

4304737324

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/NE SEC. 6, T10S, R23E 2191'FNL, 603'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/08/2008 AT 9:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

AUG 13 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHRILA UPCHEGO

Signature

Title

REGULATORY ANALYST

Date

August 11, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on reverse)

Wins No.: 95567

**BONANZA 1023-6H****Well Operations Summary Long**

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME BONANZA	SPUD DATE 04/09/2008	GL 5,156	KB 5174	ROUTE
API 4304737324	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 39.97923 / -109.36228		Q-Q/Sect/Town/Range: SENE / 6 / 10S / 23E		Footages: 2,191.00' FNL 603.00' FEL	

**Wellbore: BONANZA 1023-6H**

MTD 8,440	TVD 8,436	PBMD 8,391	PBTVD
<b>EVENT INFORMATION:</b>		START DATE: 4/9/2008	AFE NO.: 2013611
EVENT ACTIVITY: DRILLING		END DATE: 4/16/2008	
OBJECTIVE: DEVELOPMENT		DATE WELL STARTED PROD.:	
OBJECTIVE 2: ORIGINAL		Event End Status: COMPLETE	
REASON:			

<b>RIG OPERATIONS:</b>	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/09/2008	04/11/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
4/9/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 58
	13:30 - 18:00	4.50	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1330 HR 4/9/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 68 BLM AND STATE NOTFIED OF SPUD
4/26/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 1,140
	7:00 - 12:00	5.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 0700 HR 4/26/08 DA AT REPORT TIME 770'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1140'
4/27/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 1,890
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD HIT TRONA WATER @ 1480' DA AT REPORT TIME
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1890'
4/28/2008	<u>SUPERVISOR:</u> LEW WELDON						MD: 2,130
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG T/D @ 2130' CONDITION HOLE 1 HR
	12:00 - 15:00	3.00	DRLSUR	05		P	TRIP DP OUT OF HOLE
	15:00 - 20:00	5.00	DRLSUR	11		P	RUN 2076' OF 9 5/8 CSG AND RIG DOWN AIR RIG
	20:00 - 21:00	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 300 SKS TAIL @ 15.8# 1.15 5.0 GAL SK NO RETURNS TO PIT 150 PSI LIFT
	21:00 - 21:30	0.50	DRLSUR	15		P	1ST TOP JOB 150 SKS DOWN BS WOC

Wins No.: 95567		BONANZA 1023-6H					API No.: 4304737324	
	21:00 - 21:30	0.50	DRLSUR	15	P	1ST TOP JOB 150 SKS DOWN BS WOC		
	21:30 - 23:30	2.00	DRLSUR	15	P	2ND TOP JOB 150 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE		
	23:30 - 23:30	0.00	DRLSUR			NO VISIBLE LEAKS PIT 1/2 FULL WORT		
5/7/2008		SUPERVISOR: TIM OXNER					MD: 2,130	
	10:00 - 0:00	14.00	DRLPRO	01	E	P	RIGGING DOWN.MOVE MAN CAMPS & FRONT YARD.TRANSFER 800 BBLs MUD TO NEW LOCATION.RE-MOVE PIPE TUBS TO ANOTHER LOCATION FOR PIONEER PIPE INSPECTION.	
5/8/2008		SUPERVISOR: TIM OXNER					MD: 2,130	
	0:00 - 7:30	7.50	DRLPRO	01	E	P	RIGGING DOWN	
	7:30 - 14:30	7.00	DRLPRO	01	A	P	MOVING RIG TO BONANZA 1023-6H, L&S TRUCKS RELEASED @ 15:30. 4 BED,3 HAUL,1 FK LIFT,1 PUSHER. J & C CRANE RELEASED @ 15:30	
	14:30 - 20:00	5.50	DRLPRO	01	B	P	RIG UP.RAISE DRK OFF CARRIER,SCOPE SUB & DERRICK. RIGGING UP. 100% RIGGED UP @ 20:00	
	20:00 - 0:00	4.00	DRLPRO	13	A	P	PICK UP & SET BOP,NIPPLE UP BOP,CHOKE,ROTATING HEAD & FLARE LINES.	
5/9/2008		SUPERVISOR: TIM OXNER					MD: 2,869	
	0:00 - 2:00	2.00	DRLPRO	13	A	P	NIPPLE UP BOP	
	2:00 - 7:30	5.50	DRLPRO	13	C	P	HELD SAFETY MEETING, RIG UP B & C QUICK TEST.TEST PIPE,BLIND RAMS,CHOKE & ALL FLOOR RELATED VALVES 250 - 5000 PSI. TEST HYDRIL 250 - 2500 PSI. TEST CSG 1500 HIGH & HOLD F/30 MIN. INSTALL NEW WEAR BUSHING.	
	7:30 - 11:00	3.50	DRLPRO	05	A	P	HELD SAFETY W/ T-REX. RIG UP & PICK UP BHA & 43 JTS DP TO 1938.85	
	11:00 - 13:00	2.00	DRLPRO	06	D	P	SLIP & CUT DRLG LINE	
	13:00 - 14:00	1.00	DRLPRO	06	A	P	INSTALL ROT HEAD & DO PRESPUD RIG INSPECTION	
	14:00 - 16:30	2.50	DRLPRO	02	F	P	DRLG CMT,FLOAT,SHOE & 54' PRE DRILLED HOLE TO 2130'	
	16:30 - 18:00	1.50	DRLPRO	02	B	P	DRLG F/ 2130' - 2204'. 74' TOTAL @ 74' HR	
	18:00 - 18:00	0.00	DRLPRO	09	A	P	SURVEY @ 2130' .85 DEG	
	0:00	6.00		02	B		DRLG F/ 2204' - 2869'. 665' TOTAL @ 110.8' HR	
	18:00	0.00		09	A		SURVEY @ 2130' .85 DEG	
	0:00	6.00		02	B		DRLG F/ 2204' - 2869'. 665' TOTAL @ 110.8' HR	

	18:00 - 18:00	0.00	DRLPRO	09	A	P	SURVEY @ 2130' .85 DEG	
	0:00 - 0:00	6.00		02	B		DRLG F/ 2204' - 2869'. 665' TOTAL @ 110.8' HR	
5/10/2008	SUPERVISOR: TIM OXNER							MD: 4,801
	0:00 - 4:00	4.00	DRLPRO	02	B	P	DRLG F/ 2869' - 3217'. 348' TOTAL @ 87' HR	
	4:00 - 4:30	0.50	DRLPRO	09	A	P	SURVEY @	
	4:30 - 9:00	4.50	DRLPRO	02	B	P	DRLG F/ 3217' - 3628'. 411' TOTAL @ 91.3' HR	
	9:00 - 9:30	0.50	DRLPRO	06	A	P	RIG SERVICE	
	9:30 - 16:30	7.00	DRLPRO	02	B	P	DRLG F/ 3628' - 4230'. 602' TOTAL @ 86' HR	
	16:30 - 17:00	0.50	DRLPRO	09	A	P	SURVEY @ 4156' 2.50 DEG	
	17:00 - 0:00	7.00	DRLPRO	02	B	P	DRLG F/ 4230' - 4801'. 571' TOTAL @ 81.5' HR	
5/11/2008	SUPERVISOR: TIM OXNER							MD: 5,635
	0:00 - 6:00	6.00	DRLPRO	02	B	P	DRLG F/ 4801' - 5213'. 412' TOTAL @ 68.6' HR	
	6:00 - 6:30	0.50	DRLPRO	09	A	P	SURVEY @ 5139' 2.37 DEG	
	6:30 - 14:30	8.00	DRLPRO	02	B	P	DRLG F/ 5213' - 5635'. 422' TOTAL @ 52.7' HR	
	14:30 - 15:30	1.00	DRLPRO	04	A	P	CIRC F/ BIT TRIP	
	15:30 - 16:00	0.50	DRLPRO	05	A	P	TOOH F/ BIT # 2	
	16:00 - 16:30	0.50	DRLPRO	07	A	S	HANG BLOCKS & UNWRAP FAST LINE F/ AROUND DEAD LINE & SPOOL BACK ON DRUM.	
	16:30 - 19:30	3.00	DRLPRO	05	A	P	TOOH F/ BIT # 2	
	19:30 - 0:00	4.50	DRLPRO	05	A	P	SWITCH BITS & TIH W/ BIT # 2	
5/12/2008	SUPERVISOR: TIM OXNER							MD: 6,671
	0:00 - 1:00	1.00	DRLPRO	05	A	P	TIH W/ BIT # 2	
	1:00 - 14:30	13.50	DRLPRO	02	B	P	DRLG F/ 5635' - 6258'. 623' TOTAL @ 46.1' HR	
	14:30 - 15:00	0.50	DRLPRO	09	A	P	SURVEY @ 6258' 2.14 DEG	

	14:30 - 15:00	0.50	DRLPRO	09	A	P	SURVEY @ 6258' 2.14 DEG
	15:00 - 17:30	2.50	DRLPRO	02	B	P	DRLG F/ 6258' - 6385'. 127' TOTAL @ 50.8' HR
	17:30 - 18:00	0.50	DRLPRO	06	A	P	RIG SERVICE
	18:00 - 0:00	6.00	DRLPRO	02	B	P	DRLG F/ 6385' - 6671'. 286' TOTAL @ 47.6' HR
5/13/2008	SUPERVISOR: TIM OXNER/JAMES GOBER						MD: 7,557
	0:00 - 12:00	12.00	DRLPRO	02	B	P	DRLG F/ 6671' - 7177' (506', 42'/HR) MUD WT 11.1 VIS 37
	12:00 - 12:30	0.50	DRLPRO	06	A	P	RIG SERVICE, FUNCTION BOP.
	12:30 - 0:00	11.50	DRLPRO	02	B	P	DRLG F/ 7177' - 7557' (380', 33'/HR) MUD WT 11.6 VIS 37
5/14/2008	SUPERVISOR: TIM OXNER/JAMES GOBER						MD: 8,000
	0:00 - 7:30	7.50	DRLPRO	05	A	P	TRIP OUT OF HOLE FOR BIT. RETRIEVE DROPPED SURVEY 7500' = 2.16 DEGREES, LAY DOWN MOTOR AND BIT. FUNCTION BOP'S
	7:30 - 13:30	6.00	DRLPRO	05	A	P	P/U MOTOR AND BIT #3 AND TRIP IN HOLE, FILL PIPE @ 2000' AND 5600', TRIP TO BOTTOM.
	13:30 - 14:00	0.50	DRLPRO	06	A	P	RIG SERVICE.
	14:00 - 23:00	9.00	DRLPRO	02	B	P	DRILL F/ 7557' TO 8000' (.443', 49'/HR) STARTED LOSING MUD W/ 12.1 MUD WT @ 8000'. 50 BBLS/HR.
	23:00 - 0:00	1.00	DRLPRO	04	D	P	PULL SCREENS, RUN 20% SLUG AND CHASE W/ 4% LCM. TO REDUCE MUD LOSS TO 15 BBLS/HR.
5/15/2008	SUPERVISOR: JAMES GOBER						MD: 8,440
	0:00 - 2:00	2.00	DRLPRO	04	D	P	HOLE LOSING MUD @ 15 BBLS/HR W/ REDUCED STROKES. INCREASE LCM TO 6%. CONTROLLED LOSSES. MUD WT 11.9+ VIS 42 LOSS 75 TOTAL BBLS.
	2:00 - 12:30	10.50	DRLPRO	02	B	P	DRILL F/ 8000' TO 8440' (440', 42'/HR) MUD WT 12# VIS 42 LCM 6%. NO MUD LOSSES. TD 12:30 05/15/2008.
	12:30 - 14:00	1.50	DRLPRO	04	C	P	CIRC RAISING MUD WT TO 12.1 VIS 42. PUMP DRY JOB FOR SHORT TRIP.
	14:00 - 15:00	1.00	DRLPRO	05	E	P	SHORT TRIP TO 7400'. NO TIGHT HOLE, NO WELL FLOW. SHORT TRIP GAS 3236 UNITS.

<b>Wins No.:</b> 95567		<b>BONANZA 1023-6H</b>				<b>API No.:</b> 4304737324	
15:00 - 17:00		2.00	DRLPRO	04	C	P	CIRC. HOLD SAFETY MEETING W/ WEATHERFORD TRS. RIG UP LAYDOWN CREW. MIX AND PUMP 60 BBLS 13.5# PILL.
17:00 - 0:00		7.00	DRLPRO	05	A	P	LAY DOWN DRILL PIPE, BREAK KELLY. LAYING DOWN DC'S @ REPORT TIME.
5/16/2008 <b>SUPERVISOR:</b> JAMES GOBER							<b>MD:</b> 8,440
0:00 - 0:30		0.50	DRLPRO	05	A	P	LAY DOWN DRILL COLLARS,
0:30 - 1:00		0.50	DRLPRO	13	B	P	PULL WEAR BUSHING, HOLD SAFETY MEETING W/ HALIBURTON WIRELINE.
1:00 - 6:00		5.00	EVALPR	08	A	P	RIG UP AND RUN OPEN HOLE LOGS W/ HALIBURTON. LOGGERS DEPTH= 8445', RIG DOWN LOGGERS.
6:00 - 7:00		1.00	CSG	11	A	P	HOLD SAFETY MEETING W/ WEATHERFORD TRS CASING CREW AND LAYDOWN CREW. RIG UP CSG CREW.
7:00 - 13:00		6.00	CSG	11	B	P	RUN 198 JT OF 4.5" ,11.6#, I-80. WILL LAND @ 8434' KB, FLOAT @ 8389' KB , WASATCH MARKER @ 4229 'KB. BROKE CIRC 1000', 4000', 7000'. RIG DOWN WEATHERFORD TRS.
13:00 - 14:30		1.50	CSG	04	E	P	RIG UP BJ CEMENTING HEAD AND CIRC OUT GAS W/ RIG. 15' TRIP FLARE. HOLD SAFETY MEETING W/ BJ CEMENTERS.
14:30 - 17:00		2.50	CSG	15	A	P	PRESSURE TEST LINES TO 4500 PSI, START CEMENT. PUMP 20 BBLS OF MUD CLEAN 8.3#, PUMP 30 BBLS (20 SX) OF SCAVENGER CEMENT 9.5#, PUMP 192 BBLS (382 SX) OF LEAD CEMENT 11.5#, PUMP 257 BBLS (1103 SX) OF TAIL CEM. 14.3#, DISPLACE W/ 130 BBLS OF H2O, BUMP PLUG/ FLOAT HELD. FLUSH STACK, AND LAND CSG W 75K, RIG DOWN BJ
17:00 - 0:00		7.00	RDMO	13	A	P	PRESSURE TEST MANDREL TO 5,000 PSI, LD LANDING JT, NIPPLE DOWN BOP AND TROLLEY OUT. CLEAN PITS. RIG RELEASE 00:00 05/17/2008
<b>EVENT INFORMATION:</b>		EVENT ACTIVITY: COMPLETION			START DATE: 6/20/2008		AFE NO.: 2013611
		OBJECTIVE: CONSTRUCTION			END DATE: 6/23/2008		
		OBJECTIVE 2: ORIGINAL			DATE WELL STARTED PROD.:		
		REASON: SURF FACILITIES			Event End Status: COMPLETE		
<b>RIG OPERATIONS:</b>		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release      Rig Off Location
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
6/20/2008	<b>SUPERVISOR:</b> HAL BLANCHARD						<b>MD:</b>



<b>Wins No.:</b> 95567		<b>BONANZA 1023-6H</b>		<b>API No.:</b> 4304737324			
<b>EVENT INFORMATION:</b>		EVENT ACTIVITY: COMPLETION		START DATE: 7/31/2008			
		OBJECTIVE: DEVELOPMENT		END DATE: 8/6/2008			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:			
		REASON: MV		Event End Status: COMPLETE			
<b>RIG OPERATIONS:</b>		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start		
					Finish Drilling		
					Rig Release		
					Rig Off Location		
LEED 698 / 698		07/31/2008			08/06/2008		
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
8/1/2008	<b>SUPERVISOR:</b> BRAD BURMAN						<b>MD:</b>
	7:00 - 7:30	0.50	COMP	48		P	JSA#1
	7:30 - 19:00	11.50	COMP	30		P	7AM [DAY 1]
<p>RU RIG. NDWH. NUBOP. RU FLOOR &amp; TBG EQUIPMENT. PU 3-7/8" MILL &amp; 267 JTS NEW 2-3/8" J-55 TBG &amp; RIH. [SLM] TBG WAS DRIFTED. TAG PBTD @ 8391'. RU RIG PMP. CIRC WELL CLN W/ 105 BBLs. POOH &amp; LD 15 JTS ON FLOAT. CONTINUE POOH STDG BACK TBG. LD MILL. RD FLOOR &amp; TBG EQUIPMENT. NDBOP, NU FRAC VALVES. RU FLOOR.</p> <p>MIRU DBL JACK. PT CSG &amp; FRAC VALVES TO 7500#. HELD GOOD. RDMO DBL JACK.</p> <p>7 PM SWI-SDF-WE. PREP TO FRAC W/ BJ ON MONDAY 8/4/08</p>							
8/4/2008	<b>SUPERVISOR:</b> BRAD BURMAN						<b>MD:</b>
	7:00 - 7:30	0.50	COMP	48		P	BJ & DXP JSA-H2S
	7:30 - 18:30	11.00	COMP	36	E	P	5AM [DAY 2] MIRU BJ, CUTTERS & DXP H2S SAFETY. HLD JSA. NO H2S READINGS.
<p>[STG#1] P.T. SURFACE LINES TO 8596#. RIH W/ PERF GUNS &amp; PERF THE M.V. @ 8305'-8307', 8330'-8334', 8354'-8356', &amp; 8362'-8364' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WHP=30#. BRK DN PERFS @ 2997# @ 3 BPM. ISIP=2257, FG=.71. BULLHEAD 3 BBLs 15% HCL. CALC 36/40 PERFS OPEN. PMP'D 792 BBLs SLK WTR &amp; 20,753# 30/50 SD W/ 5000# RC SD @ TAIL. ISIP=2500, FG=.74, NPI=243, MP=6065, MR=52, AP=5410, AR=51 BPM.</p> <p>[STG#2] RIH W/ BAKER 8K CBP &amp; PERF GUNS. SET CBP @ 8064'. PERF THE M.V. @ 7996'-8000', 8002'-8004', 8006'-8008' &amp; 8032'-8034' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WHP=642#. BRK DN PERFS @ 2983# @ 3 BPM. ISIP=2323, FG=.73. CALC 31/40 PERFS OPEN. PMP'D 634 BBLs SLK WTR &amp; 20,189# 30/50 SD W/ 5000# RC SD @ TAIL. ISIP=2560, FG=.76, NPI=237, MP=5149, MR=51, AP=4674, AR=50 BPM.</p> <p>[STG#3] RIH W/ BAKER 8K CBP &amp; PERF GUNS. SET CBP @ 7928'. PERF THE M.V. @ 7678'-7680', 7699'-7700', 7740'-7742', 7788'-7790', 7826'-7828' &amp; 7886'-7888' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° , 4 SPF, [44 HLS] WHP=230, BRK DN PERFS @ 2689 @ 3 BPM, ISIP=2000, FG=.70, CALC ALL PERFS OPEN. PUMPED 2880 BBLs SLK WTR &amp; 109680# 30/50 SD W/ 5000# RC SD @ TAIL. ISIP=2100, FG=.71, NPI=100, MP=5447, MR=50.7, AP=4659, AR=50.3 BPM.</p> <p>[STG#4] RIH W/ BAKER 8K CBP &amp; PERF GUNS. STACK OUT @ 7596'. CONSULT W/ ENG. STUCK &amp; SET CBP @ 7383'+-. POOH &amp; L/D CCL &amp; GUNS. R/D LUBE, ND FRAC HEAD, &amp; TOP FRAC VALVE. NUBOP. RU FLOOR &amp; TBG EQUIPMENT. P/U 3-7/8" BIT, POBS W/ XN NIPPLE &amp; RIH OUT OF DERRICK ON 2-3/8" TBG. TAG SAND @ 7339'.</p> <p>RU SWVL &amp; PMP. ESTB CIRC. C/O 10' SAND TO CBP @ 7349'. DRILL OUT BAKER 8K CBP IN 5 MIN. 100#. DIFF. RIH 1 JT. FCP=200#.</p> <p>6:30 PM LEAVE WELL OPEN TO PIT ON OPEN CHOKE. TURN WELL OVER TO FBC. PREP TO C/O TO 7670', POOH &amp; FRAC STG'S 4 &amp; 5 IN AM.</p>							
8/5/2008	<b>SUPERVISOR:</b> BRAD BURMAN						<b>MD:</b>

-	-		COMP				
7:00	- 7:30	0.50	COMP	48		P	
7:30	- 15:30	8.00	COMP	36	E	P	7AM [DAY 3] JSA#3

EOT @ 7380'. WELL FLOWED OVERNIGHT. FCP=50#. RCVRD 2550 BBLS. R/D SWWL RIH TO 7693'. NO TAG. POOH STDG BACK TBG. KILL WELL W/ 30 BBLS. POOH & L/D BHA. RD FLOOR & TBG EQUIPMENT. NDBOP, NU TOP FRAC VALVE, FRAC HEAD & CUTTERS EQUIPMENT.

[STG#4] FLUSH CSG W/ 120 BBLS @ 3400# @ 12 BPM. ISIP=2575. RIH W/ BAKER 8K CBP & PERF GUNS. SET CBP @ 7648'. PERF THE M.V. @ 7452'-7454', 7530'-7532', 7542'-7544', 7480'-7582' & 7616'-7618' USING 3-3/8" EXP GUNS, 23 GM, 0.36, 90° PHS, 4 SPF, [40 HLS] WHP=140# BRK DN PERFS @ 3740# @ 2 BPM, ISIP=2700, FG=.80, BULLHEAD 3 BBLS 15% HCL, CALC ALL PERFS OPEN, PUMPED 3715 BBLS SLK WTR & 142502# 30/50 SD, W/5000# RC SD @ TAIL, ISIP=2240, FG=.74, NPI=460, MP=6592, MR=51.2, AP=5336, AR=50.8 BPM

[STG#5] RIH W/ BAKER 8K CBP & PERF GUNS, SET CBP @ 7278' PERF THE M.V. @ 7084'-7086, 7136'-7138', 7166'-7168', 7230'-7232' & 7246'-7248', USING 3-3/8" EXP GUNS 23 GM, 0.36, 90° PHS, 4 SPF, (40 HLS) WHP=280#, BRK DN PERFS @ 2459# @ 3 BPM, ISIP=1340, FG=.63, CALC 60% PERFS OPEN, PUMPED 2609 BBLS SLK WTR, & 93580# 30/50 SD W/ 5000# RC SD @ TAIL, ISIP=2450, FG=.79, NPI=1110, MP=4834, MR=53, AP=4362, AR=52.4 BPM

[KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 7041'. POOH & LD WIRELINE TOOLS. RDMO CUTTERS, BJ, & DXP SAFETY, [NO H2S READINGS] GRND TOTAL 30/50 & R.C. SAND=386,704# & TOTAL FLUID=10,758 BBLS.

5 PM SWI-SDFN. PREP TO DRILL OUT 5 CBP'S IN AM.

8/6/2008

SUPERVISOR: BRAD BURMAN

MD:

7:00	- 7:30	0.50	COMP	48		P	JSA#5
7:30	-		COMP	44	C	P	7AM [DAY 4]

ND FRAC VALVES, NUBOP. RU FLOOR & TBG EQUIPMENT. PU 3-7/8" BIT, POBS W/ XN NIPPLE & RIH OUT OF DERRICK ON 2-3/8" J-55 TBG. TAG SAND @ 7021'. RU SWWL & RIG PMP. ESTB CIRC. P.T. BOP TO 3000#. C/O 20' SAND.

[DRLG CBP#1] @ 7041'. DRILL OUT BAKER 8K CBP IN 5 MIN, 50# DIFF, RIH TAG SD @ 7248' C/O 30'. FCP 100#  
[DRLG CBP#2] @ 7278' DRILL OUT BAKER 8K CBP IN 5 MIN 75# DIFF, RIH, TAG SD @ 7618 C/O 30', FCP 125#

[DRLG CBP#3] @ 7648' DRILL OUT BAKER 8K CBP IN 5 MIN 25# DIFF, RIH TAG SD @ 7898' C/O 30' SD, FCP 200#

[DRLG CBP#4] @ 7928' DRILL OUT BAKER 8K CBP IN 5 MIN 50# DIFF, RIH TAG SD @ 8054' C/O 10' SD FCP 275#.

[DRLG CBP #5] @ 8064' DRILL OUT BAKER 8K CBP IN 5 MIN, 0 # DIFF, RIH TAG SD @ 8377' C/O 14' SD TO PBTD @ 8391' CIRC WELL CLEAN, RD SWWL, POOH & LD 14 JTS ON FLOAT. LAND TUBING ON HNGR W/ 253 JTS NEW 2-3/8" TBG. EOT @ 7966.16' & POBS W/ XN @ 7963.96'. AVG 5 MIN/PLUG & C/O 134' SAND. RD FLOOR & TBG EQUIPMENT. NDBOP, NUWH. DROP BALL DN TBG & PMP OFF THE BIT @ 2000#. OPEN WELL TO FBT ON 20/64 CHOKE. FTP=1200#, SICP=1350#.

3 PM TURN WELL OVER TO FBC. LTR @ 3 PM=7358 BBLS. RACK EQUIPMENT. RDMO. ROAD RIG TO MT FUEL BRIDGE.

5 SDFN

NOTE:  
275 JTS DELIVERED  
253 LANDED  
22 RETURNED

8/7/2008

SUPERVISOR: BRAD BURMAN

MD:

<b>Wins No.: 95567</b>		<b>BONANZA 1023-6H</b>		<b>API No.: 4304737324</b>
7:00 -	33	A	7 AM FLBK REPORT: CP 1850#, TP 1850#, 20/64" CK, 55 BWPH, MEDIUM SAND, - GAS TTL BBLS RECOVERED: 4407 BBLS LEFT TO RECOVER: 6351	
8/8/2008	<u>SUPERVISOR:</u> BRAD BURMAN		<u>MD:</u>	
7:00 -	33	A		
9:00 -	PROD		WELL TURNED TO SALES ON 8/08/2008 - FTP 1700#, CP 2800#, CK 18/64", 2000 MCFD, 792 BWPD	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements) \*

At surface

SE/NE 2191'FNL, 603'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

04/09/08

15. Date T.D. Reached

05/15/08

16. Date Completed

☐ D & A ☒ Ready to Prod.  
08/08/08

18. Total Depth: MD  
TVD

8440'

19. Plug Back T.D.: MD  
TVD

8391'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR, SD, DSN, ACTR

22. Was well cored? ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2130'		600 SX			
7 7/8"	4 1/2"	11.6#		8440'		1485 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	7964'							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7084'	8364'	7084'-8364'	0.36	204	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
7084'-8364'	PMP 10,758 BBLS SLICK H2O & 386,704# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/08/08	08/17/08	24	→	0	2,600	768			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 883#	Csg. Press. 893#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
16/64	SI	893#	→	0	2600	768			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

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DIV. OF OIL, GAS & MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER MAHOGANY WASATCH MESAVERDE	1285' 1991' 4234' 6324'	5665' 8363'			

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geologic Report      3. DST Report      4. Directional Survey  
5. Sundry Notice for plugging and cement verification      5. Core Analysis      7. Other:

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGOTitle REGULATORY ANALYSTSignature Date 08/26/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
UTU33433

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
CR-3

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
BONANZA 1023-6H

2. Name of Operator

KERR-MCGEE OIL &amp; GAS ONSHORE

Contact: SHEILA UPCHEGO

Mail: sheila.upchego@anadarko.com

9. API Well No.  
43-047-37324

3a. Address

1368 SOUTH 1200 EAST  
VERNAL, UT 84078

3b. Phone No. (include area code)

Ph: 435-781-7024

10. Field and Pool, or Exploratory  
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T10S R23E SENE 2191FNL 603FEL

11. County or Parish, and State

UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

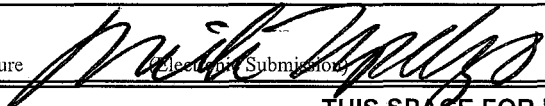
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

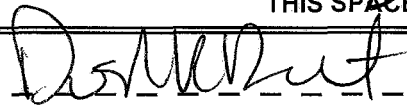
PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 3.4.2009Initials: KS

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #67334 verified by the BLM Well Information System For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal	
Name (Printed/Typed) SHEILA UPCHEGO	Title OPERATIONS
Signature 	Date 02/17/2009

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title Pet Eng.	Date 2/26/09
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Federal Approval Of This Action Is Necessary
Office Doan		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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\* \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED FEB 19 2009

Cause 179-12

DIV. OF OIL, GAS &amp; MINING

**Name:** Bonanza 1023-6H  
**Location:** Se NE Sec. 6 10S 23E  
**Uintah County, UT**  
**Date:** **02/02/09**

**ELEVATIONS:** 5209 GL 5227 KB

**TOTAL DEPTH:** 8440 **PBTD:** 8391  
**SURFACE CASING:** 9 5/8", 36# J-55 ST&C @ 2095'  
**PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 8434'  
Marker Joint **4230-4255'**

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

**TOPS:**

1285' Green River  
1489' Birdsnest  
1991' Mahogany  
4234' Wasatch  
6324' Mesaverde  
Estimated T.O.C. from CBL @4150

**GENERAL:**

- A minimum of **18** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 05/15/08
- **3** fracturing stages required for coverage.
- Procedure calls for 4 CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~7966
- Originally completed on 08/04/08

**Existing Perforations:**

Zone	From	To	SPF	# of Shots
Mesaverde	7084	7086	4	8
Mesaverde	7136	7138	4	8
Mesaverde	7166	7168	4	8
Mesaverde	7230	7232	4	8
Mesaverde	7246	7248	4	8
Mesaverde	7452	7454	4	8
Mesaverde	7530	7532	4	8
Mesaverde	7542	7544	4	8
Mesaverde	7580	7582	4	8
Mesaverde	7616	7618	4	8
Mesaverde	7678	7680	4	8
Mesaverde	7699	7700	4	4
Mesaverde	7740	7742	4	8
Mesaverde	7788	7790	4	8
Mesaverde	7826	7828	4	8
Mesaverde	7886	7888	4	8
Mesaverde	7996	8000	4	16
Mesaverde	8002	8004	4	8
Mesaverde	8006	8008	4	8
Mesaverde	8032	8034	4	8
Mesaverde	8305	8307	4	8
Mesaverde	8330	8334	4	16
Mesaverde	8354	8356	4	8
Mesaverde	8362	8364	4	8

**PROCEDURE:**

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOO H with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7966'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 6908 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6908 (50' below proposed CBP).



4. Set 8000 psi CBP at ~ 6868'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
MESAVERDE	6686	6692	4	24
MESAVERDE	6834	6838	4	16
6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6636' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~6590'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:
 

Zone	From	To	spf	# of shots
MESAVERDE	6340	6343	3	9
MESAVERDE	6478	6480	3	6
MESAVERDE	6499	6501	3	6
MESAVERDE	6533	6536	4	12
MESAVERDE	6558	6560	4	8
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6290' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
9. Set 8000 psi CBP at ~4930'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:
 

Zone	From	To	spf	# of shots
WASATCH	4875	4880	3	15
WASATCH	4884	4888	3	12
WASATCH	4896	4900	4	16
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~4825' flush only with recycled water. Note stage 3 pumped at 40 bbl/min.
11. Set 8000 psi CBP at~4825'.
12. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
13. Mill plugs and clean out to PBTD. Land tubing at ±7966' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
14. RDMO
15. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

**For design questions, please call  
 Sarah Schaftenaar, Denver, CO  
 (303)-895-5883 (Cell)  
 (720)-929-6605 (Office)**

**For field implementation questions, please call  
Robert Miller, Vernal, UT  
4350781 7041 (Office)**

NOTES:

Fracturing Schedules  
Bonanza 1023-6H  
Slickwater Frac

Stage	Zone	Feet of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume gals	Cum Vol gals	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.	
			Top, ft.	Bot. ft.																		
1	MESAVERDE	0	6686	6692	4	look	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	1	6634	6636	4	look	0	ISIP and 5 min ISIP													43	
	MESAVERDE	1		No Perfs			50	Slickwater Pad			Slickwater	12,150	12,150	289	289	15.0%	0.0%	0	0		36	
	MESAVERDE	1		No Perfs			50	Slickwater Ramp	0.25	1	Slickwater	22,950	35,100	546	836	26.3%	16.6%	14,344	14,344		34	
	MESAVERDE	9		No Perfs			50	SW Sweep	0	0	Slickwater	0	35,100	0	836	0.0%	0.0%	0	14,344		0	
	MESAVERDE	4		No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	22,950	58,050	546	1,382	26.3%	33.3%	28,688	43,031		34	
	MESAVERDE	7		No Perfs			50	SW Sweep	0	0	Slickwater	5,260	63,300	125	1,507	0.0%	0.0%	0	43,031		0	
	MESAVERDE	2		No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	66,300	71	1,579	3.5%	3.00%	3,000	46,031		0	
	MESAVERDE	4		No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	22,950	86,250	546	2,054	26.3%	46.6%	40,163	86,194		0	
	MESAVERDE	6		No Perfs			50	Flush (4-1/2")				4,332	90,582	103	2,157				86,194		43	
	MESAVERDE	1		No Perfs				ISDP and 5 min ISDP					90,582								191	
	MESAVERDE	0		No Perfs																		
	MESAVERDE	0		No Perfs																		
		36	# of Perfs/stage			0	43.1	<< Above pump time (min)								Flush depth	6636	gal/ft	2,260	2,394	lbs sand/ft	
2	MESAVERDE	8	6340	6343	3	9	Varied	Pump-in test			Slickwater		0	0	0							
	MESAVERDE	7	6478	6480	3	6	0	ISIP and 5 min ISIP														
	MESAVERDE	5	6499	6501	3	6	50	Slickwater Pad			Slickwater	26,325	26,325	627	627	15.0%	0.0%	0	0		79	
	MESAVERDE	0	6533	6536	4	12	50	Slickwater Ramp	0.25	1	Slickwater	49,725	76,050	1,184	1,811	26.3%	17.0%	31,078	31,078		75	
	MESAVERDE	0	6558	6560	4	8	50	SW Sweep	0	0	Slickwater	5,260	81,300	125	1,936	0.0%	0.0%	0	31,078		8	
	MESAVERDE	3		No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	49,725	131,025	1,184	3,120	26.3%	33.9%	62,156	93,234		75	
	MESAVERDE	2		No Perfs			50	SW Sweep	0	0	Slickwater	10,600	141,525	250	3,370	0.0%	0.0%	0	93,234		0	
	MESAVERDE	2		No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	144,525	71	3,441	1.6%	3.00%	3,000	96,234		0	
	MESAVERDE	1		No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	49,725	191,250	1,184	4,554	26.3%	47.5%	87,019	183,253		0	
	MESAVERDE	0		No Perfs			50	Flush (4-1/2")				4,106	195,356	98	4,651				183,253		32	
	MESAVERDE	1		No Perfs				ISDP and 5 min ISDP					195,356								268	
	MESAVERDE	1		No Perfs																		
	MESAVERDE	0		No Perfs																		
	MESAVERDE	10		No Perfs							Sand laden Volume		175,500									
	MESAVERDE	7		No Perfs																		
	MESAVERDE	0		No Perfs																		
	MESAVERDE	7		No Perfs																		
	MESAVERDE	17		No Perfs																		
	MESAVERDE	14		No Perfs																		
	MESAVERDE	10		No Perfs																		
	MESAVERDE	2		No Perfs																		
	MESAVERDE	1		No Perfs																		
	MESAVERDE	12		No Perfs																		
	MESAVERDE	3		No Perfs																		
	MESAVERDE	2		No Perfs																		
	MESAVERDE	2		No Perfs																		
		117	# of Perfs/stage			41	91.1	<< Above pump time (min)								Flush depth	6290	gal/ft	1,500	1,566	lbs sand/ft	
																			CBP depth	4,930	1,360	
3	WASATCH	1	4875	4880	3	15	Varied	Pump-in test			Slickwater		0	0	0							
	WASATCH	7	4884	4886	3	12	0	ISIP and 5 min ISIP														
	WASATCH	6	4896	4900	4	16	50	Slickwater Pad			Slickwater	4,650	4,650	111	111	15.0%	0.0%	0	0		14	
	WASATCH	0		No Perfs			50	Slickwater Ramp	0.25	1	Slickwater	8,783	13,433	209	320	26.3%	17.2%	5,490	5,490		13	
	WASATCH	0		No Perfs			50	SW Sweep	0	0	Slickwater	0	13,433	0	320	0.0%	0.0%	0	5,490		0	
	WASATCH	0		No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	8,783	22,217	209	529	26.3%	34.5%	10,979	16,469		13	
	WASATCH	0		No Perfs			50	SW Sweep	0	0	Slickwater	0	22,217	0	529	0.0%	0.0%	0	16,469		0	
	WASATCH	0		No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	0	22,217	0	529	0.0%	0.0%	0	16,469		0	
	WASATCH	0		No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	8,783	31,000	209	738	26.3%	46.3%	15,371	31,840		0	
	WASATCH	0		No Perfs			50	Flush (4-1/2")				3,150	34,150	75	813				31,840		0	
	WASATCH	0		No Perfs				ISDP and 5 min ISDP					34,150								40	
		31	# of Perfs/stage			43	14.8	<< Above pump time (min)								Flush depth	4825	gal/ft	1,000	1,027	lbs sand/ft	
																			CBP depth	4,825	0	LOOK
Totals		184				84						Total Fluid	320,088 gals	7,621 bbls	7,621 bbls			Total Sand	301,286			
							25									16.9 tanks				Total Scale Inhib. =	499	

**Bonanza 1023-6H**  
**Perforation and CBP Summary**

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	6686	6692	4	24	6647	to	6647
	MESAVERDE	6834	6838	4	16	6660	to	6661
	MESAVERDE		No Perfs			6663	to	6664
	MESAVERDE		No Perfs			6667	to	6668
	MESAVERDE		No Perfs			6686	to	6695
	MESAVERDE		No Perfs			6696	to	6700
	MESAVERDE		No Perfs			6742	to	6749
	MESAVERDE		No Perfs			6760	to	6762
	MESAVERDE		No Perfs			6834	to	6838
	MESAVERDE		No Perfs			6841	to	6847
	MESAVERDE		No Perfs			6880	to	6881
	MESAVERDE		No Perfs			6886	to	6886
	MESAVERDE		No Perfs			6887	to	6887
	# of Perfs/stage				40	CBP DEPTH	6,590	
2	MESAVERDE	6340	6343	3	9	6327	to	6335
	MESAVERDE	6478	6480	3	6	6337	to	6344
	MESAVERDE	6499	6501	3	6	6347	to	6352
	MESAVERDE	6533	6536	4	12	6358	to	6358
	MESAVERDE	6558	6560	4	8	6365	to	6365
	MESAVERDE		No Perfs			6377	to	6380
	MESAVERDE		No Perfs			6382	to	6384
	MESAVERDE		No Perfs			6385	to	6387
	MESAVERDE		No Perfs			6391	to	6392
	MESAVERDE		No Perfs			6497	to	6514
	MESAVERDE		No Perfs			6562	to	6565
	MESAVERDE		No Perfs			6569	to	6571
	MESAVERDE		No Perfs			6601	to	6603
	# of Perfs/stage				41	CBP DEPTH	4,930	
3	WASATCH	4875	4880	3	15	4836	to	4837
	WASATCH	4884	4888	3	12	4854	to	4861
	WASATCH	4896	4900	4	16	4874	to	4880
	WASATCH		No Perfs			4884	to	4901
	# of Perfs/stage				43	CBP DEPTH	4,825	
Totals					124			

Stage	Zone	Feet	Perfs		SPF	Holes	Rate	Fluid	Initial	Final	Fluid	Volume	Cum Vol	Volume	Cum Vol	Fluid	Sand	Sand	Cum. Sand	Footage from	Scale
		of Pay	Top, ft.	Bot., ft			BPM	Type	ppg	ppg		gals	gals	BBLs	BBLs	% of frac	% of frac	lbs	lbs	CBP to Flush	gal.
1	MESAVERDE	0	6686	6692	4	look	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	1	6834	6838	4	look	0	ISIP and 5 min ISIP													43
	MESAVERDE	1		No Perfs			50	Slickwater Pad			Slickwater	12,150	12,150	289	289	15.0%	0.0%	0	0		36
	MESAVERDE	1		No Perfs			50	Slickwater Ramp	0.25	1	Slickwater	22,950	35,100	546	836	28.3%	16.6%	14,344	14,344		34
	MESAVERDE	9		No Perfs			50	SW Sweep	0	0	Slickwater	0	35,100	0	836		0.0%	0	14,344		0
	MESAVERDE	4		No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	22,950	58,050	546	1,382	28.3%	33.3%	28,688	43,031		34
	MESAVERDE	7		No Perfs			50	SW Sweep	0	0	Slickwater	5,250	63,300	125	1,507		0.0%	0	43,031		0
	MESAVERDE	2		No Perfs			50	Slickwater Ramp	0.5	1.5	Slickwater	3,000	66,300	71	1,579		3.5%	3,000	46,031		0
	MESAVERDE	4		No Perfs			50	Slickwater Ramp	1.5	2	Slickwater	22,950	86,250	546	2,054	28.3%	46.6%	40,163	86,194		0
	MESAVERDE	6		No Perfs			50	Flush (4-1/2")				4,332	90,582	103	2,157				86,194		43
	MESAVERDE	1		No Perfs				ISDP and 5 min ISDP					90,582								191
	MESAVERDE	0		No Perfs																	
	MESAVERDE	0		No Perfs																	
		36		# of Perfs/stage		0											gal/ft	2,250	2,394	lbs sand/ft	
							43.1	<< Above pump time (min)										CBP depth	6,590	46	
2	MESAVERDE	8	6340	6343	3	9	Varied	Pump-in test			Slickwater		0	0	0						
	MESAVERDE	7	6478	6480	3	6	0	ISIP and 5 min ISIP													79
	MESAVERDE	5	6499	6501	3	6	50	Slickwater Pad			Slickwater	26,325	26,325	627	627	15.0%	0.0%	0	0		75
	MESAVERDE	0	6533	6536	4	12	50	Slickwater Ramp	0.25	1	Slickwater	49,725	76,050	1,184	1,811	28.3%	17.0%	31,078	31,078		8
	MESAVERDE	0	6558	6560	4	8	50	SW Sweep	0	0	Slickwater	5,250	81,300	125	1,936		0.0%	0	31,078		75
	MESAVERDE	3		No Perfs			50	Slickwater Ramp	1	1.5	Slickwater	49,725	131,025	1,184	3,120	28.3%	33.9%	62,156	93,234		0
	MESAVERDE	2		No Perfs			50	SW Sweep	0	0	Slickwater	10,500	141,525	250	3,370		0.0%	0	93,234		0
	MESAVERDE	2		No Perfs																	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. UTU33433		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other <b>Recomp</b>			6. If Indian, Allottee or Tribe Name		
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE			8. Lease Name and Well No. BONANZA 1023-6H		
3. Address P.O. BOX 173779 DENVER, CO 80217			9. API Well No. 43-047-37324		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 2191FNL 603FEL At top prod interval reported below SENE 2191FNL 603FEL At total depth SENE 2191FNL 603FEL			10. Field and Pool, or Exploratory NATURAL BUTTES		
14. Date Spudded 04/09/2008			15. Date T.D. Reached 05/15/2008		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/16/2009			17. Elevations (DF, KB, RT, GL)* 5210 GL		
18. Total Depth: MD 8440 TVD			19. Plug Back T.D.: MD 8391 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-CCL-GR-SD/DSN/ACTR		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)					

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 J-55	36.0		2130		600			
7.875	4.500 I-80	11.6		8440		1485			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7965							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	4875	4900	4875 TO 4900	0.360	40	OPEN
B) MESAVERDE	6686	6838	6686 TO 6838	0.360	43	OPEN
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4875 TO 6838	PMP 3,077 BBLs SLICK H2O & 140,908 LBS 30/50 SD.

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/16/2009	12/19/2009	24	→	0.0	987.0	220.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
30/64	258	215.0	→	0	987	220		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #80070 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER MAHOGANY WASATCH MESAVERDE	1285 1991 4234 6324	5665 8363			
<div style="text-align: right;"> <b>RECEIVED</b>  <b>JAN 19 2010</b>  <b>DIV. OF OIL, GAS &amp; MINING</b> </div>					

## 32. Additional remarks (include plugging procedure):

ATTACHED TO THIS COMPLETION REPORT IS THE RECOMPLETION CHRONOLOGICAL WELL HISTORY. THE OPERATOR HAS COMPLETED THE WASATCH AND MESAVERDE FORMATIONS, AND HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATIONS WITH THE EXISTING MESAVERDE FORMATIONS.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #80070 Verified by the BLM Well Information System.  
For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal**

Name (please print) ANDY LYTLE

Title REGULATORY ANALYST

Signature  (Electronic Submission)

Date 01/14/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**US ROCKIES REGION**  
**Operation Summary Report**

Well: BONANZA 1023-6H		Spud Conductor: 4/9/2008		Spud Date: 4/26/2008	
Project: UTAH-UINTAH		Site: BONANZA 1023-6H		Rig Name No: LEED 733/733, LEED 733/733	
Event: RECOMPL/RESEREVEADD		Start Date: 12/4/2009		End Date: 12/11/2009	
Active Datum: RKB @5,174.00ft (above Mean Sea Level)			UWI: BONANZA 1023-6H		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/4/2009	6:45 - 7:00	0.25	COMP	48		P		JSA- RDSU. ROADING RIG.
	7:00 - 7:00	0.00	COMP	30	C	P		WELL ON FLOW BACK. RDSU. ROAD RIG AND EQUIP TO LOCATION. INSPECT FMC WELLHEAD, (NO EXT SPOOL. WH STAMPED). START RUSU. BLOW RADIATOR HOSE AT HALF MAST. SECURE RIG. SDF-WE.
12/7/2009	6:45 - 7:00	0.25	COMP	48		P		WELD VALVES IN 400 BBL UPRT.
	7:00 - 15:00	8.00	COMP	31	I	P		JSA- RUSU. POOH W/ TBG. FCP AND FTP 90#. OPEN WELL TO PROD TANKS. FIN RUSU. PMP 10 BBL DOWN TBG. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. UNLAND TBG HANGER. LUB OUT AND LD 4" 10K HANGER. POOH W/ 253-JTS 2-3/8" J-55 TBG. NO SCALE. LD NOTCHED NIPPLE AND BUMPER SPRING. CONTROL WELL W/ 40 BBL. RD FLOOR. ND BOP. NU FRAC VALVES. RU FLOOR FOR PERF. SDFN.
12/8/2009	6:45 - 7:00	0.25	COMP	48		P		JSA- EWL AND P-TESTING
	7:00 - 16:00	9.00	COMP	34	I	P		SICP 650. MIRU SCHLUM EWL. RIH AND SET 4-1/2" HALCO CBP AT 6868'. BLOW DOWN WELL. FILL WELL W/ 90 BBL AND PRES TO 3000# W/ RIG PMP. HOOK UP B&C. TEST VALVES AND CSG TO 6200 PSI. GOOD. BLEED OFF PRESSURE. SCHLUM EWL RIH W/ 3-3/8" EXP BUN (23 GRAM, .36 EHD, 40" PENT, 4 SPF ON 90* PHASING) PERF AT 6834'-38'. PULL UP TO PERF 2nd GUN- MISFIRE. CANNOT READ SWITCH. POOH. CHANGE OUT SWITCH AND DETONATOR. RIH. STILL NOT WORKING. POOH AND REHEAD. RIH W/ 3-3/8" GUN (4SPF) AND PERF 6686-92'. POOH W/ EWL. WINTERIZE FRAC VALVES. SDFN
12/9/2009	6:45 - 7:00	0.25	COMP	48		P		JSA- FRAC AND EWL. RIH W/ BIT.
	7:00 - 9:30	2.50	COMP	46	F	P		MIRU SCLUM FRAC. HSM AND P-TEST TO 7200#.
	9:30 - 10:00	0.50	COMP	36	B	P		(COLD- TRUCKS SLOW TO GET STARTED) FRAC STG #1 OPEN WELL W/ 950#. BD 3631# AT 6.4 BPM. ISIP 2019, FG .73. PMP PAD. INJ RT 25.3 BPM AT 5100# (57% OPEN AT FIRST, AS PMP 70% OPEN). MP 6022, MR 49.8, AP 4439, AR 37.9, PMP 767 BBL SLK WTR, 19,551# 30/50 AND 5000# 20/40 TLC (TOT PROP 24,551#). ISIP 2476#, NPI 457, FG .80.
	10:00 - 12:00	2.00	COMP	46	E	Z		UNABLE TO GET SCHLUM EWL TRUCK RUNNING UNTIL 12:00
	12:00 - 13:30	1.50	COMP	37	B	P		PERF STG #2 RIH W/ 4-1/2" HALCO CBP AND 3-3/8" EXP GUN (23 GRAM, .36 EHD, 40" PENT, 3 SPF ON 120* AND 4 SPF ON 90* PHASING). SET CBP AT 4930'. PERF AT 4896'-900' (4 SPF), 4884'-88' (3 SPF), 4875'-80' (3 SPF).

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**US ROCKIES REGION**  
**Operation Summary Report**

Well: BONANZA 1023-6H			Spud Conductor: 4/9/2008			Spud Date: 4/26/2008		
Project: UTAH-UINTAH			Site: BONANZA 1023-6H			Rig Name No: LEED 733/733, LEED 733/733		
Event: RECOMPL/RESEREVEADD			Start Date: 12/4/2009			End Date: 12/11/2009		
Active Datum: RKB @5,174.00ft (above Mean Sea Level)			UWI: BONANZA 1023-6H					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	13:30 - 14:45	1.25	COMP	36	B	P		FRAC STG #2 OPEN WELL W/ 266#. BD 3076# AT 6.4 BPM. ISIP 806, FG .59. PMP PAD, INJ RT 40 BPM AT 2400# (100% PERF OPEN). MP 3076, MR 40.2, AP 2001, AR 38.2. PMP 2310 BBL SLD WTR, 111,357# 30/50 AND 5000# 20/40 TLC (TOT PROP 116,357#) ISIP 1595, NPI 789, FG .76
	14:45 - 15:45	1.00	COMP	34	I	P		TOT PMP 140,908# SAND 3077 BBL WTR 284 GAL SI 70 GAL BIO RIH W/ 4-1/2" HAL CO CBP AND SET KILL PLUG AT 4816'. RD SCLUM EWL AND FRAC.
	15:45 - 17:00	1.25	COMP	30	F	P		BLEED OFF PRESSURE. RD FLOOR. ND FRAC VALVES. NU BOP. RU FLOOR. WINTERIZE WH. SDFN.
12/10/2009	6:45 - 7:00	0.25	COMP	48		P		JSA- D/O PLUG. FOAM UNIT. COLD WEATHER.
	7:00 - 17:30	10.50	COMP	31	I	P		COLD WEATHER- HARD STARTING MOTORS ON ALL EQUIP. MU 3-7/8" BIT, POBS, 1.87" XN AND RIH ON 2-3/8" J-55 TBG. TAG FILL AT 4771'. RU PWR SWIVEL. FILL TBG. P-TEST TO 3000#, GOOD. D/O PLUGS.
								#1- C/O 45' SAND TO CBP AT 4816'. D/O IN 13 MIIN. 0# INC. RIH #2- C/O 50' SAND TO CBP AT 4930'. D/O IN 20 MIN. 50# INC. (LOST RIG PMP AS D/O PLUG, FINISH D/O W/ FOAM UNIT PMP WTR).
								LET FLOW CLEAN AS RIH W/ 12-JTS. SDFN. LEFT CSG FLOW TO TANK WITH FLOW BACK CREW AT 17:00. UNABLE TO PUT IN CHOKE OR WELL WOULD DIE. WINTERIZE EQUIP.
12/11/2009	6:45 - 7:00	0.25	COMP	48		P		JSA- FOAM UNIT. PWR SWIVEL

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**JAN 19 2010**  
DIV. OF OIL, GAS & MINING

**US ROCKIES REGION**  
**Operation Summary Report**

Well: BONANZA 1023-6H			Spud Conductor: 4/9/2008			Spud Date: 4/26/2008		
Project: UTAH-UINTAH			Site: BONANZA 1023-6H			Rig Name No: LEED 733/733, LEED 733/733		
Event: RECOMPL/RESEREVEADD			Start Date: 12/4/2009			End Date: 12/11/2009		
Active Datum: RKB @5,174.00ft (above Mean Sea Level)			UWI: BONANZA 1023-6H					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:00 - 18:00	11.00	COMP	44	C	P		WELL FLOW OVER NIGHT. UNABLE TO PUT IN CHOKE OR WELL WOULD DIE. FLOWED 500 BBL OVER NIGHT.  CONT RIH W/ BIT ON 2-3/8" TBG. TAG SAND. RU PWR SWIVEL. EST CIRC W/ FOAM UNIT (WTR). D/O PLUG.  #3- C/O 30' SAND TO CBP AT 6868'. D/O IN 15 MIN. LOST ALL RETURN. START AIR/FOAM DOWN TBG TO GET GOOD RETURNS.  CONTROL TBG. RIH. TAG AT 7994' (SCALE RING) C/O 20' SCALE RING. FELL OUT 8014'. RIH. TAG FILL AT 8295'. C/O 94' TO PBTD AT 8289'. CIRC CLEAN. PMP 15 BBL DOWN TBG. RD PWR SWIVEL. POOH AS LD 14-JTS. PU 4" 10K HANGER. LUB IN AND LAND 253-JTS W/ EOT AT 7965.22'. RD FLOOR. DROP BALL. ND BOP. NU WH. HOOK FOAM UNIT TO TBG. PMP 10 BBLS FLUID AND THEN AIR/FOAM. PMP OFF BIT AND DRY UP WELL. RDSU. TURN WELL OVER TO FLOW BACK CREW. SDFWE.  TBG DETAIL KB 18.00 FMC 4" 10K HANGER .83 253-JTS 2-3/8" J-55 7944.19 1.87" XN (FE) 2.20 EOT 7965.22  PMP 3077 BBLS RCVR 1050 BBLS LTR 2027 BBLS. WELL TURNED TO SALE @ 1000 HR ON 12/16/09 - FTP 250#, CP 750#, 1000 MCFD, 12 BWPD, 30/64 CK
12/16/2009	10:00 -		PROD	50				

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**JAN 19 2010**  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-33433
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> BONANZA 1023-6H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2191 FNL 0603 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 06 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047373240000
<b>PHONE NUMBER:</b> 720 929-6515 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/4/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input checked="" type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> THE OPERATOR REQUESTS AUTHORIZATION TO WORKOVER THE SUBJECT WELL LOCATION. WORKOVER OPERATIONS WILL CONSIST OF WATER SHUT OFF BY PERFORATION CEMENT SQUEEZE. PLEASE SEE ATTACHED PROCEDURE.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 05/09/2011 <b>By:</b>		
<b>NAME (PLEASE PRINT)</b> Gina Becker		<b>PHONE NUMBER</b> 720 929-6086
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst II
<b>DATE</b> 5/4/2011		

**Bonanza 1023-6H****SE NE Sec. 6 10S 23E****2011 Water Shut-Off Rig Maintenance****Uintah County, UT****ELEVATIONS:** 5209 GL 5227 KB**TOTAL DEPTH:** 8440**PBTD:** 8391**SURFACE CASING:** 9 5/8", 36# J-55 ST&C @ 2095'**PRODUCTION CASING:** 4 1/2", 11.6#, I-80 LT&C @ 8434'  
Marker Joint **4230 - 4255'****TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

**TOPS:**

1285' Green River

1991' Mahogany

4234' Wasatch

6324' Mesaverde

**Estimated T.O.C. from CBL@~4150**

**Perfs:**

Legal Well Name	Date	MD Top (ft)	MD Base (ft)	SPF	Stage
BONANZA 1023-6H	12/9/2009	4,875.00	4,880.00	3	R2
BONANZA 1023-6H	12/9/2009	4,884.00	4,888.00	3	R2
BONANZA 1023-6H	12/9/2009	4,896.00	4,900.00	4	R2
BONANZA 1023-6H	12/8/2009	6,686.00	6,692.00	4	R1
BONANZA 1023-6H	12/8/2009	6,834.00	6,838.00	4	R1
BONANZA 1023-6H	8/4/2008	7,084.00	7,086.00	4	5
BONANZA 1023-6H	8/4/2008	7,136.00	7,138.00	4	5
BONANZA 1023-6H	8/4/2008	7,166.00	7,168.00	4	5
BONANZA 1023-6H	8/4/2008	7,230.00	7,232.00	4	5
BONANZA 1023-6H	8/4/2008	7,246.00	7,248.00	4	5
BONANZA 1023-6H	8/4/2008	7,452.00	7,454.00	4	4
BONANZA 1023-6H	8/4/2008	7,530.00	7,532.00	4	4
BONANZA 1023-6H	8/4/2008	7,542.00	7,544.00	4	4
BONANZA 1023-6H	8/4/2008	7,580.00	7,582.00	4	4
BONANZA 1023-6H	8/4/2008	7,616.00	7,618.00	4	4
BONANZA 1023-6H	8/4/2008	7,678.00	7,680.00	4	3
BONANZA 1023-6H	8/4/2008	7,699.00	7,700.00	4	3
BONANZA 1023-6H	8/4/2008	7,740.00	7,742.00	4	3
BONANZA 1023-6H	8/4/2008	7,788.00	7,790.00	4	3
BONANZA 1023-6H	8/4/2008	7,826.00	7,828.00	4	3
BONANZA 1023-6H	8/4/2008	7,886.00	7,888.00	4	3
<b>EOT @ 7965'</b>					
BONANZA 1023-6H	8/4/2008	7,996.00	8,000.00	4	2
BONANZA 1023-6H	8/4/2008	8,002.00	8,004.00	4	2
BONANZA 1023-6H	8/4/2008	8,006.00	8,008.00	4	2
BONANZA 1023-6H	8/4/2008	8,032.00	8,034.00	4	2
BONANZA 1023-6H	8/4/2008	8,305.00	8,307.00	4	1
BONANZA 1023-6H	8/4/2008	8,330.00	8,334.00	4	1
BONANZA 1023-6H	8/4/2008	8,354.00	8,356.00	4	1
BONANZA 1023-6H	8/4/2008	8,362.00	8,364.00	4	1
<b>PBTD @ 8389'</b>					

Note: Shaded perfs are those to be squeezed.

- **Procedure Outline**

- UNLAND TUBING. POOH AND LD ALL SCALED OR SUSPECT JOINTS OF TUBING.
- RU WIRELINE. SET CBP @ 4950'. RD WIRELINE.
- RIH WITH 4850' OF TUBING. FILL HOLE AND ESTABLISH INJECTION RATE.
- R/U CEMENT COMPANY AND BALANCE RECOMMENDED CEMENT VOLUME ACROSS PERFORATIONS FROM 4875'-4900'. POOH W/ TUBING TO AT LEAST 3 JOINTS ABOVE ESTIMATED TOC. REVERSE CIRCULATE TUBING CLEAN. SHUT IN TUBING AND SQUEEZE DOWN CASING. WOC.
- POOH WITH TUBING. P/U MILL AND D/O TO 4925'. PRESSURE TEST CASING AND PERFORATIONS TO 500# FOR 10 MINUTES. RESQUEEZE IF NECESSARY.
- D/O TO 8380'. POOH AND L/D MILL.
- P/U SEAT NIPPLE AND RIH. LAND TUBING @ +/- 7965'. BE CAUTIOUS TO NOT OVER-TORQUE ANY COLLARS. BROACH TUBING (ENSURE BROACH IS FULL ID ~1.90").

**Contacts**

Foreman Area	Title / Run	Phone	E-mail
Kyle Bohannon	Prod Eng V1	804-512-1985	<a href="mailto:Kyle.Bohannon@anadarko.com">Kyle.Bohannon@anadarko.com</a>
Jay Aguinaga	FOREMAN V1	435-828-6460	<a href="mailto:Jay.Aguinaga@anadarko.com">Jay.Aguinaga@anadarko.com</a>
Ryan Kunkel	Lead Operator	435-828-4624	<a href="mailto:Ryan.Kunkel@anadarko.com">Ryan.Kunkel@anadarko.com</a>

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-33433			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>  			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> BONANZA 1023-6H			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2191 FNL 0603 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 06 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047373240000			
<b>PHONE NUMBER:</b> 720 929-6515 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/1/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  The operator requests authorization to temporarily abandon the subject well location. The operator proposes to temporarily abandon the well to drill the BONANZA 1023-6H Pad, which consists of the following wells: BONANZA 1023-6A3DS, BONANZA 1023-6G1DS, BONANZA 1023-6H1BS, BONANZA 1023-6H2CS, and BONANZA 1023-6I2AS. Please see attached procedures.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 08/16/2011 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Gina Becker		<b>PHONE NUMBER</b> 720 929-6086			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst II			
<b>DATE</b> 8/1/2011					

Well Name: **BONANZA 1023-6H**  
 Surface Location: SENE Sec. 6, T10S, R23E  
 Uintah County, UT

7/29/11

API: 4304737324 LEASE#: UTU-33433

ELEVATIONS: 5210' GL 5228' KB

TOTAL DEPTH: 8440' PBD: 8391'

SURFACE CASING: 9 5/8", 36# J-55 @ 2130'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 @ 8440'  
 TOC @ Surface per CBL

PERFORATIONS: WASATCH 4875' - 4900'  
 MESAVERDE 6686' - 6838'

Tubular/Borehole	Drift inches	Collapse psi	Burst Psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02171	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 32.3# H-40 csg	8.845	1400	2270	3.3055	0.4418	0.0787
<b>Annular Capacities</b>						
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01
4.5" csg. X 9.625" 32.3# csg.				2.478	0.3314	0.059
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406
9.625" csg. X 12.25" hole				2.3436	0.3132	0.0558

**GEOLOGICAL TOPS:**

1285' Green River  
 1991' Mahogany  
 4234' Wasatch  
 6324' Mesaverde

**Recommended future action for disposition of well bore:**

Temporarily abandon the wellbore during the drilling and completion operations of the BONANZA 1023-6H pad wells. Return to production as soon as possible once completions are done.



## **BONANZA 1023-6H TEMPORARY ABANDONMENT PROCEDURE**

### **GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

### **PROCEDURE**

**Note: An estimated 24 sx Class "G" cement needed for procedure**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. **PLUG #1, ISOLATE MV/WAS PERFORATIONS (4875' - 8364'):** RIH W/ 4 ½" CBP. SET @ ~4825'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **8 SX/ 1.6 BBL/ 8.72 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~4725'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT TOP OF WASATCH (4234'):** PUH TO ~4335'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.2 BBL / 17.9 CUFT** AND BALANCE PLUG W/ TOC @ ~4130' (205' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 7/28/11

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Gas Well		<b>8. WELL NAME and NUMBER:</b> BONANZA 1023-6H
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>9. API NUMBER:</b> 43047373240000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2191 FNL 0603 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 06 Township: 10.0S Range: 23.0E Meridian: S		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/11/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">WATER SHUT OFF</span>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  THE OPERATOR HAS PERFORMED A WORKOVER OPERATIONS ON THE SUBJECT WELL ON 10/11/2011. THE WORKOVER OPERATIONS CONSISTED OF A WATER SHUT OFF OPERATIONS BY PERFORATION CEMENT SQUEEZE PLEASE REFER TO THE ATTACHED WATER SHUT OFF CHRONOLOGICAL WELL HISTORY.		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock		<b>PHONE NUMBER</b> 435 781-7024
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst
		<b>DATE</b> 10/28/2011

**US ROCKIES REGION**  
**Operation Summary Report**

Well: BONANZA 1023-6H		Spud Conductor: 4/9/2008		Spud Date: 4/26/2008	
Project: UTAH-UINTAH		Site: BONANZA 1023-6H PAD		Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3	
Event: WELL WORK EXPENSE		Start Date: 10/11/2011		End Date: 10/13/2011	
Active Datum: RKB @5,174.00usft (above Mean Sea Level)		UWI: BONANZA 1023-6H			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/11/2011	7:00 - 18:00	11.00	WO/REP	30		P		<p>JS7AM [DAY 1] JSA---POOH SCANNING TBG, SCALE IN SLIPS, L/D TBG, PINCH PTS.</p> <p>MIRU LAST NIGHT. NDWH, NUBOP.</p> <p>SITP=700#, SICP=700#. WELL HAD SHUT IN OVERNIGHT. BLEW WELL DOWN. CONTROL TBG W/ 20 BBLS TMAC. EOT @ 7965'. R/U FLOOR &amp; TBG EQUIPMENT.</p> <p>MIRU SCAN TECH. POOH, SCANNING TBG. SCAN 253 2-3/8" J-55 TBG. L/D 51 RED JTS. 202 GOOD JTS. FROM 5000' DOWN STARTED SEEING IRON SULFIDE (BLACK) LIGHT TO MEDIUM SCALE ON ID &amp; OD. ID ON 48 JTS WOULD NOT DRIFT. THEY WILL BE CLEANED &amp; RATTLED ON LOCATION. THE 48 JTS NO DRIFT, 39 PROVED TO BE BAD @ PIN END AFTER CLEANING. RDMO SCAN TECH. RECOVERED PLE EQUIPMENT.</p> <p>MIRU CUTTERS. RIH W/ HLBRTN 8K CBP &amp; SET @ 4950'. CONTROL CSG W/ 20 BBLS. RDMO CUTTERS.</p> <p>P/U HLBRTN CCR FOR 4.5. X 11.6# CSG &amp; RIH ON 2-3/8" TBG. CONTROL TBG / CSG W/ 20 BBLS. SET CCR @ 4819'.</p> <p>MIRU PROPETRO. TEST PMP &amp; LINES. FILL CSG &amp; HOLD 500#. STING IN CCR &amp; ESTAB INJ RATE OF 3 BPM @ 350# W/ 21 BBLS.</p> <p>PMP 3 BBLS F.W. MIX &amp; PUMP 10.2 BBLS, 50 SKS CMT, 15.8#, 1.15 YEILD, 2% CAL. MIX &amp; PMP 10.2 BBLS, 50 SKS CMT, 15.8#, 1.15 YEILD, CLASS G NEATCMT. PRESSURED UP TO 2000#, LEAVING 5 BBLS NEATCMT IN TBG. STING OUT W/ 2000# UNDER CCR. REVERSE CIRC TBG CLEAN. RDMO PROPETRO.</p> <p>POOH STDG BACK TBG. EOT @ 3525.,.</p> <p>6PM SWI-SDFN</p>

**US ROCKIES REGION**  
**Operation Summary Report**

Well: BONANZA 1023-6H		Spud Conductor: 4/9/2008		Spud Date: 4/26/2008	
Project: UTAH-UINTAH		Site: BONANZA 1023-6H PAD		Rig Name No: ROCKY MOUNTAIN WELL SERVICE 3/3	
Event: WELL WORK EXPENSE		Start Date: 10/11/2011		End Date: 10/13/2011	
Active Datum: RKB @5,174.00usft (above Mean Sea Level)			UWI: BONANZA 1023-6H		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/12/2011	7:00 - 18:00	11.00	WO/REP	30		P		<p>7AM [DAY2] JSA - - RIH W/ TBG, DRLG EQUIP, PSI, FOAM N2 UNITS, P/U TBG, L/D TBG, PINCH PTS.</p> <p>MIRU WTRFD FOAM N2 UNITS. SITP=0#, SICP=0#. EOT @ 3525'. POOH STDG BACK TBG. L/D/ BHA. P/U NEW 3-7/8" FLOW TECH SEALED BRG BIT, X-O &amp; RIH ON 2-3/8" J-55 YB TBG. TAG CMT @ 4817'. R/U SWVL &amp; RIG PUMP. ESTAB CIRC. D/O 2' CMT TO CCR @ 4819'. D/O HLBRTN CCR IN 25 MINUTES. CONTINUE D/O 81' HARD CMT &amp; FELL THRU AT BTM PERF @ 4900'. RIH TO 4940. CIRC WELL CLEAN. P.T. CSG TO 500#. LOST 200# IN 10 MINUTES. UNLOAD HOLE WITH WTRFD FOAM N2 UNIT. D/O HLBRTN 8K CBP @ 4950' IN 5 MINUTES. 0# INC. P/U &amp; RIH ON 2-3/8" J-55 YB TBG. (SLM &amp; DRIFTED) TAG FILL @ 8073'. R/U SWVL. ESTAB CIRC W/ FOAM N2 UNIT IN 60 MIN. D/O 10' SCALE BRIDGE. RIH, TAG MEDIUM SCALE @ 8172'. C/O 203' MEDIUM SCALE TO 8375'.--STARTED HARD DRLG. PBTD @ 8389', B.P. @ 8364'. CIRCULATE WELL CLN. R/D SWVL. POOH LAYING DOWN 10 JTS. EOT @ 8073'.</p> <p>6 PM SWI-SDFN</p>
10/13/2011	7:00 - 16:00	9.00	WO/REP	30		P		<p>7AM [DAY 3] JSA- - POOH W/ TBG, RIH W/ TBG, BROATCHING, R/D RIG, R/U RIG.</p> <p>SITP=300#, SICP=900#. BLEW WELL DOWN. CONTROL TBG W/ 30 BBLS. POOH STDG BACK TBG. L/D BIT. P/U NEW N.C. W/ XN &amp; RIH ON TBG. LAND TBG ON HANGER W/ 252 JTS 2-3/8" J-55 YB TBG. EOT @ 7952.29'. XN W/ N.C. @ 7951.24'. TBG WAS BROATCHED. R/D FLOOR &amp; TBG EQUIPMENT. NDBOP, NUWH. LTR= 80BBLS. LEAVE WELL S.I. TO BUILD PSI. PUMPER WILL START UP IN AM. RDMO. ROAD RIG TO HATCH 923-24G. MIRU, SPOT EQUIPMENT.</p> <p>4 PM SDFN</p>

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<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> BONANZA 1023-6H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2191 FNL 0603 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 06 Township: 10.0S Range: 23.0E Meridian: S		<b>9. API NUMBER:</b> 43047373240000
<b>5. FIELD and POOL or WILDCAT:</b> MATTERAL BUTTES		<b>9. FIELD and POOL or WILDCAT:</b> MATTERAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/25/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The operator has concluded the temporary abandonment operations on the subject well location on 10/25/2011. This well was plugged in order to expand and drill the Bonanza 1023-6H Pad wells. Please see the attached chronological well history for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> March 01, 2012		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regularatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/22/2012	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: BONANZA 1023-6H				Spud Conductor: 4/9/2008				Spud Date: 4/26/2008			
Project: UTAH-UINTAH				Site: BONANZA 1023-6H PAD				Rig Name No: MILES 2/2			
Event: ABANDONMENT				Start Date: 10/24/2011				End Date: 10/25/2011			
Active Datum: RKB @5,174.00usft (above Mean Sea Level)				UWI: BONANZA 1023-6H							
Date	Time Start-End		Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation		
10/24/2011	7:00	- 7:30	0.50	ABAND	48		P		SCAN TBG		
	7:30	- 17:00	9.50	ABAND	31		P		GYRO RAN MIRU, KILL WELL, NDWH, NU BOP'S, TEST BOP'S, RU PRS, SCAN TBG POOH, STD BACK 68 STD, LAY DWN 116 JTS ON TLR, RD PRS, RU CUTTERS, TIH WITH GAUGE RING TO 4850', POOH, PU 8K CBP, TIH SET AT 4825', POOH, RD CUTTERS, TIH WITH TBG TO 4820', BREAK CIRC, PRESSURE TEST TO 500# 5 MIN, SWIFN		
10/25/2011	7:00	- 7:30	0.50	ABAND	48		P		CEMENTING		
	7:30	-		ABAND	51		P		RU PRO PETRO, CEMENT USED IS CLASS G, YIELD 1.145, DENISTY 15.8#, 4.9 GW/SX, PUMP 2.6 BBLS FRESH, 10 SX. 2 BBLS, CEMENT, DISPLACE WITH, 1 BBL FRESH, 17.5 BBLS T-MAC ON TOP OF CBP, D POOH TO 4335', PUMP 2 BBLS FRESH, 20 SX, 4 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 14.6 BBLS T-MAC, RD PRO PETRO, POOH LAY DWN BALANCE OF TBG ON TLR, ND BOP'S, CAP WELL, RDMO N 39 DEGREES 59' 18.1" W 109 DEGREES 22' 53.2" ELEV 5222'		



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



APR 09 2012

43047-37324

IN REPLY REFER TO:

3105

UT922100

Kerr-McGee Oil & Gas Onshore, LP  
c/o LimpusJones, Inc.  
705 West Mescalero Road  
Roswell, NM 88201

Re: Termination of Communitization  
Agreement UTU60768  
Uintah County, Utah  
(E2) 6105 232

Dear Ms. Limpus Jones:

Communitization Agreement (CA) UTU60768 was approved on April 4, 1980, and became effective May 1, 1979. This agreement communitized 321.18 acres of Federal land in leases UTU33433 and UTU38419, as to natural gas and associated liquid hydrocarbons producible from the Mesaverde Formation.

In accordance with Section 37 of the Ponderosa Unit Agreement, upon establishment of the Initial Participating Area, CA UTU60768 shall automatically terminate. The initial Participating Area is effective May 1, 2012. Therefore, UTU60768 is terminated and the lands are simultaneously merged into the Ponderosa Unit.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each interested owner, lessee and lessor.

If you have any questions concerning this matter, please contact Judy Nordstrom of this office at (801) 539-4108.

Sincerely,

Roger L. Bankert  
Chief, Branch of Minerals

RECEIVED

APR 11 2012

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995  
Address: P.O. Box 173779  
city DENVER  
state CO zip 80217 Phone Number: (720) 929-6029

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
See Atchmt	See Atchmt						
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
	99999	18519				5/11/2012	
<b>Comments:</b> Please see attachment with list of Wells in the Ponderosa Unit. <u>WSMVD</u> <span style="float: right;">5/30/2012</span>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<b>Comments:</b>							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Cara Mahler

Name (Please Print)

Signature

REGULATORY ANALYST

Title

5/21/2012

Date

**RECEIVED**

**MAY 21 2012**

(5/2000)

Div. of Oil, Gas & Mining



well_name	sec	tpw	rng	api	entity		lease	well	stat	qtr_qtr	bhl	surf	zone	a_stat	l_num	op_no
SOUTHMAN CANYON 31-3	31	090S	230E	4304734726	13717		1	GW	P	SENW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CANYON 31-4	31	090S	230E	4304734727	13742		1	GW	S	SESW		1	WSMVD	S	UTU-33433	N2995
SOUTHMAN CYN 31-2X (RIG SKID)	31	090S	230E	4304734898	13755		1	GW	P	NWNW		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31J	31	090S	230E	4304735149	13994		1	GW	P	NWSE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31B	31	090S	230E	4304735150	13953		1	GW	P	NWNE		1	MVRD	P	U-33433	N2995
SOUTHMAN CYN 923-31P	31	090S	230E	4304735288	14037		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31H	31	090S	230E	4304735336	14157		1	GW	P	SENE		1	WSMVD	P	U-33433	N2995
SOUTHMAN CYN 923-31O	31	090S	230E	4304737205	16827		1	GW	P	SWSE		1	MVRD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31K	31	090S	230E	4304737206	16503		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31G	31	090S	230E	4304737208	16313		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31E	31	090S	230E	4304737209	16521		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31A	31	090S	230E	4304737210	16472		1	GW	P	NENE		1	WSMVD	P	UTU-33433	N2995
SOUTHMAN CYN 923-31C	31	090S	230E	4304737227	16522		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-1G	01	100S	230E	4304735512	14458		1	GW	P	SWNE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1A	01	100S	230E	4304735717	14526		1	GW	P	NENE		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1E	01	100S	230E	4304735745	14524		1	GW	P	SWNW		1	WSMVD	P	U-40736	N2995
BONANZA 1023-1C	01	100S	230E	4304735754	14684		1	GW	P	NENW		1	MVRD	P	U-40736	N2995
BONANZA 1023-1K	01	100S	230E	4304735755	15403		1	GW	P	NESW		1	MVRD	P	U-38423	N2995
BONANZA 1023-1F	01	100S	230E	4304737379	16872		1	GW	P	SENW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1B	01	100S	230E	4304737380	16733		1	GW	P	NWNE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1D	01	100S	230E	4304737381	16873		1	GW	P	NWNW		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1H	01	100S	230E	4304737430	16901		1	GW	P	SENE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1L	01	100S	230E	4304738300	16735		1	GW	P	NWSW		1	MVRD	P	UTU-38423	N2995
BONANZA 1023-1J	01	100S	230E	4304738302	16871		1	GW	P	NWSE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-1I	01	100S	230E	4304738810	16750		1	GW	P	NESE		1	MVRD	P	UTU-40736	N2995
BONANZA 1023-2E	02	100S	230E	4304735345	14085		3	GW	P	SWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2C	02	100S	230E	4304735346	14084		3	GW	P	NENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2A	02	100S	230E	4304735347	14068		3	GW	P	NENE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2G	02	100S	230E	4304735661	14291		3	GW	P	SWNE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O	02	100S	230E	4304735662	14289		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2I	02	100S	230E	4304735663	14290		3	GW	S	NESE		3	WSMVD	S	ML-47062	N2995
BONANZA 1023-2MX	02	100S	230E	4304736092	14730		3	GW	P	SWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H	02	100S	230E	4304737093	16004		3	GW	P	SENE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D	02	100S	230E	4304737094	15460		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2B	02	100S	230E	4304737095	15783		3	GW	P	NWNE		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2P	02	100S	230E	4304737223	15970		3	GW	P	SESE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2N	02	100S	230E	4304737224	15887		3	GW	P	SESW		3	MVRD	P	ML-47062	N2995
BONANZA 1023-2L	02	100S	230E	4304737225	15833		3	GW	P	NWSW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2F	02	100S	230E	4304737226	15386		3	GW	P	SENW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2D-4	02	100S	230E	4304738761	16033		3	GW	P	NWNW		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2O-1	02	100S	230E	4304738762	16013		3	GW	P	SWSE		3	WSMVD	P	ML-47062	N2995
BONANZA 1023-2H3CS	02	100S	230E	4304750344	17426		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G3BS	02	100S	230E	4304750345	17428		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G2CS	02	100S	230E	4304750346	17429		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2G1BS	02	100S	230E	4304750347	17427		3	GW	P	NWNE	D	3	MVRD	P	ML 47062	N2995

BONANZA 1023-2M1S	02	100S	230E	4304750379	17443		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2L2S	02	100S	230E	4304750380	17444		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K4S	02	100S	230E	4304750381	17446		3	GW	P	SENW	D	3	MVRD	P	ML 47062	N2995
BONANZA 1023-2K1S	02	100S	230E	4304750382	17445		3	GW	P	SENW	D	3	WSMVD	P	ML 47062	N2995
BONANZA 4-6 ✱	04	100S	230E	4304734751	13841		1	GW	P	NESW		1	MNCS	P	UTU-33433	N2995
BONANZA 1023-4A	04	100S	230E	4304735360	14261		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4E	04	100S	230E	4304735392	14155		1	GW	P	SWNW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4C	04	100S	230E	4304735437	14252		1	GW	P	NENW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4M	04	100S	230E	4304735629	14930		1	GW	P	SWSW		1	WSMVD	P	U-33433	N2995
BONANZA 1023-4O	04	100S	230E	4304735688	15111		1	GW	P	SWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4I	04	100S	230E	4304735689	14446		1	GW	P	NESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4G	04	100S	230E	4304735746	14445		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4D	04	100S	230E	4304737315	16352		1	GW	P	NWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4H	04	100S	230E	4304737317	16318		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4B	04	100S	230E	4304737328	16351		1	GW	P	NWNE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4L	04	100S	230E	4304738211	16393		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-4P	04	100S	230E	4304738212	16442		1	GW	P	SESE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4N	04	100S	230E	4304738303	16395		1	GW	P	SESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-4FX (RIGSKID)	04	100S	230E	4304739918	16356		1	GW	P	SENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5O	05	100S	230E	4304735438	14297		1	GW	P	SWSE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5AX (RIGSKID)	05	100S	230E	4304735809	14243		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-5C	05	100S	230E	4304736176	14729		1	GW	P	NENW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G	05	100S	230E	4304736177	14700		1	GW	P	SWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5M	05	100S	230E	4304736178	14699		1	GW	P	SWSW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5K	05	100S	230E	4304736741	15922		1	GW	P	NESW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5B	05	100S	230E	4304737318	16904		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5E	05	100S	230E	4304737319	16824		1	GW	P	SWNW		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5H	05	100S	230E	4304737320	16793		1	GW	P	SENE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5N	05	100S	230E	4304737321	16732		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5L	05	100S	230E	4304737322	16825		1	GW	P	NWSW		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5J	05	100S	230E	4304737428	17055		1	GW	P	NWSE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5P	05	100S	230E	4304738213	16795		1	GW	P	SESE		1	MVRD	P	UTU-33433	N2995
BONANZA 1023-5N-1	05	100S	230E	4304738911	17060		1	GW	P	SESW		1	WSMVD	P	UTU-73450	N2995
BONANZA 1023-5PS	05	100S	230E	4304750169	17323		1	GW	P	NESE	D	1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-5G2AS	05	100S	230E	4304750486	17459		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G2CS	05	100S	230E	4304750487	17462		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3BS	05	100S	230E	4304750488	17461		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5G3CS	05	100S	230E	4304750489	17460		1	GW	P	SWNE	D	1	MVRD	P	UTU 33433	N2995
BONANZA 1023-5N4AS	05	100S	230E	4304752080	18484		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU73450	N2995
BONANZA 1023-8C2DS	05	100S	230E	4304752081	18507		1	GW	DRL	SWSW	D	1	WSMVD	DRL	UTU37355	N2995
BONANZA 6-2	06	100S	230E	4304734843	13796		1	GW	TA	NESW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6C	06	100S	230E	4304735153	13951		1	GW	P	NENW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6E	06	100S	230E	4304735358	14170		1	GW	P	SWNW		1	MVRD	P	U-38419	N2995
BONANZA 1023-6M	06	100S	230E	4304735359	14233		1	GW	P	SWSW		1	WSMVD	P	U-38419	N2995
BONANZA 1023-6G	06	100S	230E	4304735439	14221		1	GW	P	SWNE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6O	06	100S	230E	4304735630	14425		1	GW	TA	SWSE		1	WSMVD	TA	U-38419	N2995

✱ not moved in unit

BONANZA 1023-6A	06	100S	230E	4304736067	14775		1	GW	P	NENE		1	WSMVD	P	U-33433	N2995
BONANZA 1023-6N	06	100S	230E	4304737211	15672		1	GW	P	SESW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6L	06	100S	230E	4304737212	15673		1	GW	P	NWSW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6J	06	100S	230E	4304737213	15620		1	GW	P	NWSE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6F	06	100S	230E	4304737214	15576		1	GW	TA	SENW		1	WSMVD	TA	UTU-38419	N2995
BONANZA 1023-6P	06	100S	230E	4304737323	16794		1	GW	P	SESE		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6H	06	100S	230E	4304737324	16798		1	GW	S	SENE		1	WSMVD	S	UTU-33433	N2995
BONANZA 1023-6D	06	100S	230E	4304737429	17020		1	GW	P	NWNW		1	WSMVD	P	UTU-38419	N2995
BONANZA 1023-6B	06	100S	230E	4304740398	18291		1	GW	P	NWNE		1	WSMVD	P	UTU-33433	N2995
BONANZA 1023-6M1BS	06	100S	230E	4304750452	17578		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1AS	06	100S	230E	4304750453	17581		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N1CS	06	100S	230E	4304750454	17580		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6N4BS	06	100S	230E	4304750455	17579		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I2S	06	100S	230E	4304750457	17790		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6I4S	06	100S	230E	4304750458	17792		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6J3S	06	100S	230E	4304750459	17791		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6P1S	06	100S	230E	4304750460	17793		1	GW	P	NESE	D	1	WSMVD	P	UTU 38419	N2995
BONANZA 1023-6A2CS	06	100S	230E	4304751430	18292		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4BS	06	100S	230E	4304751431	18293		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6B4CS	06	100S	230E	4304751432	18294		1	GW	P	NWNE	D	1	WSMVD	P	UTU33433	N2995
BONANZA 1023-6C4BS	06	100S	230E	4304751449	18318		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
BONANZA 1023-6D1DS	06	100S	230E	4304751451	18316		1	GW	P	NENW	D	1	WSMVD	P	UTU38419	N2995
FLAT MESA FEDERAL 2-7	07	100S	230E	4304730545	18244		1	GW	S	NENW		1	WSMVD	S	U-38420	N2995
BONANZA 1023-7B	07	100S	230E	4304735172	13943		1	GW	P	NWNE		1	MVRD	P	U-38420	N2995
BONANZA 1023-7L	07	100S	230E	4304735289	14054		1	GW	P	NWSW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7D	07	100S	230E	4304735393	14171		1	GW	P	NWNW		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7P	07	100S	230E	4304735510	14296		1	GW	P	SESE		1	WSMVD	P	U-38420	N2995
BONANZA 1023-7H	07	100S	230E	4304736742	15921		1	GW	P	SENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7NX (RIGSKID)	07	100S	230E	4304736932	15923		1	GW	P	SESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7M	07	100S	230E	4304737215	16715		1	GW	P	SWSW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7K	07	100S	230E	4304737216	16714		1	GW	P	NESW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7E	07	100S	230E	4304737217	16870		1	GW	P	SWNW		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7G	07	100S	230E	4304737326	16765		1	GW	P	SWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7A	07	100S	230E	4304737327	16796		1	GW	P	NENE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7O	07	100S	230E	4304738304	16713		1	GW	P	SWSE		1	MVRD	P	UTU-38420	N2995
BONANZA 1023-7B-3	07	100S	230E	4304738912	17016		1	GW	P	NWNE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-07JT	07	100S	230E	4304739390	16869		1	GW	P	NWSE		1	WSMVD	P	UTU-38420	N2995
BONANZA 1023-7J2AS	07	100S	230E	4304750474	17494		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7J2DS	07	100S	230E	4304750475	17495		1	GW	P	NWSE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7L3DS	07	100S	230E	4304750476	17939		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7M2AS	07	100S	230E	4304750477	17942		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2AS	07	100S	230E	4304750478	17940		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7N2DS	07	100S	230E	4304750479	17941		1	GW	P	NWSW	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7O4S	07	100S	230E	4304750480	17918		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 1023-7P2S	07	100S	230E	4304750482	17919		1	GW	P	SESE	D	1	WSMVD	P	UTU 38420	N2995
BONANZA 8-2	08	100S	230E	4304734087	13851		1	GW	P	SESE		1	MVRD	P	U-37355	N2995

BONANZA 8-3	08	100S	230E	4304734770	13843		1	GW	P	NWNW		1	MVRD	P	U-37355	N2995
BONANZA 1023-8A	08	100S	230E	4304735718	14932		1	GW	P	NENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8L	08	100S	230E	4304735719	14876		1	GW	P	NWSW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8N	08	100S	230E	4304735720	15104		1	GW	P	SESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8F	08	100S	230E	4304735989	14877		1	GW	S	SENW		1	WSMVD	S	UTU-37355	N2995
BONANZA 1023-8I	08	100S	230E	4304738215	16358		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8K	08	100S	230E	4304738216	16354		1	GW	P	NESW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8M	08	100S	230E	4304738217	16564		1	GW	P	SWSW		1	MVRD	P	UTU-37355	N2995
BONANZA 1023-8G	08	100S	230E	4304738218	16903		1	GW	P	SWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8E	08	100S	230E	4304738219	16397		1	GW	P	SWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8C	08	100S	230E	4304738220	16355		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B	08	100S	230E	4304738221	16292		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8H	08	100S	230E	4304738222	16353		1	GW	P	SENE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8O	08	100S	230E	4304738305	16392		1	GW	P	SWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8B-4	08	100S	230E	4304738914	17019		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-8A1DS	08	100S	230E	4304750481	17518		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4BS	08	100S	230E	4304750483	17519		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B1AS	08	100S	230E	4304750484	17520		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B2AS	08	100S	230E	4304750485	17521		1	GW	P	NENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O2S	08	100S	230E	4304750495	17511		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J1S	08	100S	230E	4304750496	17509		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3S	08	100S	230E	4304750497	17512		1	GW	P	NWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J3	08	100S	230E	4304750498	17510		1	GW	P	NWSE		1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C4CS	08	100S	230E	4304750499	17544		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D2DS	08	100S	230E	4304750500	17546		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8D3DS	08	100S	230E	4304750501	17545		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3DS	08	100S	230E	4304750502	17543		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8A4CS	08	100S	230E	4304751131	18169		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8B3BS	08	100S	230E	4304751132	18167		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8C1AS	08	100S	230E	4304751133	18166		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G3AS	08	100S	230E	4304751134	18168		1	GW	P	NWNE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2AS	08	100S	230E	4304751135	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F3BS	08	100S	230E	4304751136	18227		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4AS	08	100S	230E	4304751137	18224		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8F4DS	08	100S	230E	4304751138	18225		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J2CS	08	100S	230E	4304751139	18226		1	GW	P	SENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8G4DS	08	100S	230E	4304751140	18144		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H2DS	08	100S	230E	4304751141	18142		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H3DS	08	100S	230E	4304751142	18143		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8H4DS	08	100S	230E	4304751143	18141		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8I4BS	08	100S	230E	4304751144	18155		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8J4BS	08	100S	230E	4304751145	18154		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P1AS	08	100S	230E	4304751146	18156		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2BS	08	100S	230E	4304751147	18153		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P4AS	08	100S	230E	4304751148	18157		1	GW	P	NESE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8E2DS	08	100S	230E	4304751149	18201		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995

BONANZA 1023-8E3DS	08	100S	230E	4304751150	18200		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K1CS	08	100S	230E	4304751151	18199		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8K4CS	08	100S	230E	4304751152	18198		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8L3DS	08	100S	230E	4304751153	18197		1	GW	P	NWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2AS	08	100S	230E	4304751154	18217		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8M2DS	08	100S	230E	4304751155	18216		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N2BS	08	100S	230E	4304751156	18218		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O3CS	08	100S	230E	4304751157	18254		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8N3DS	08	100S	230E	4304751158	18215		1	GW	P	SWSW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8O4AS	08	100S	230E	4304751159	18252		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P2CS	08	100S	230E	4304751160	18251		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-8P3CS	08	100S	230E	4304751161	18253		1	GW	P	SWSE	D	1	WSMVD	P	UTU 37355	N2995
CANYON FEDERAL 2-9	09	100S	230E	4304731504	1468		1	GW	P	NENW		1	MVRD	P	U-37355	N2995
SOUTHMAN CANYON 9-3-M	09	100S	230E	4304732540	11767		1	GW	S	SWSW		1	MVRD	S	UTU-37355	N2995
SOUTHMAN CANYON 9-4-J	09	100S	230E	4304732541	11685		1	GW	S	NWSE		1	MVRD	S	UTU-37355	N2995
BONANZA 9-6	09	100S	230E	4304734771	13852		1	GW	P	NWNE		1	MVRD	P	U-37355	N2995
BONANZA 9-5	09	100S	230E	4304734866	13892		1	GW	P	SESW		1	MVRD	P	U-37355	N2995
BONANZA 1023-9E	09	100S	230E	4304735620	14931		1	GW	P	SWNW		1	WSMVD	P	U-37355	N2995
BONANZA 1023-9I	09	100S	230E	4304738223	16766		1	GW	P	NESE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9D	09	100S	230E	4304738306	16398		1	GW	P	NWNW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9J	09	100S	230E	4304738811	16989		1	GW	P	NWSE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-9B3BS	09	100S	230E	4304750503	17965		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9B3CS	09	100S	230E	4304750504	17968		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2BS	09	100S	230E	4304750505	17966		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-9H2CS	09	100S	230E	4304750506	17967		1	GW	P	SENE	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 10-2	10	100S	230E	4304734704	13782		1	GW	P	NWNW		1	MVRD	P	U-72028	N2995
BONANZA 1023-10L	10	100S	230E	4304735660	15164		1	GW	P	NWSW		1	WSMVD	P	U-38261	N2995
BONANZA 1023-10E	10	100S	230E	4304738224	16501		1	GW	P	SWNW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C	10	100S	230E	4304738228	16500		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 1023-10C-4	10	100S	230E	4304738915	17015		1	GW	P	NENW		1	MVRD	P	UTU-72028	N2995
BONANZA 11-2 ★	11	100S	230E	4304734773	13768		1	GW	P	SWNW		1	MVMCS	P	UTU-38425	N2995
BONANZA 1023-11K	11	100S	230E	4304735631	15132		1	GW	P	NESW		1	WSMVD	P	UTU-38425	N2995
BONANZA 1023-11B	11	100S	230E	4304738230	16764		1	GW	P	NWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11F	11	100S	230E	4304738232	16797		1	GW	P	SENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11D	11	100S	230E	4304738233	16711		1	GW	P	NWNW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11G	11	100S	230E	4304738235	16826		1	GW	P	SWNE		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11C	11	100S	230E	4304738309	16736		1	GW	P	NENW		1	MVRD	P	UTU-38425	N2995
BONANZA 1023-11J	11	100S	230E	4304738310	16839		1	GW	P	NWSE		1	WSMVD	P	UTU-38424	N2995
BONANZA 1023-11N	11	100S	230E	4304738311	16646		1	GW	P	SESW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11M	11	100S	230E	4304738312	16687		1	GW	P	SWSW		1	MVRD	P	UTU-38424	N2995
BONANZA 1023-11L	11	100S	230E	4304738812	16987		1	GW	P	NWSW		1	WSMVD	P	UTU-38424	N2995
NSO FEDERAL 1-12	12	100S	230E	4304730560	1480		1	GW	P	NENW		1	MVRD	P	UTU-38423	N2995
WHITE RIVER 1-14	14	100S	230E	4304730481	1500		1	GW	S	NENW		1	MVRD	S	U-38427	N2995
BONANZA 1023-14D	14	100S	230E	4304737030	16799		1	GW	P	NWNW		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-14C	14	100S	230E	4304738299	16623		1	GW	P	NENW		1	MVRD	P	UTU-38427	N2995
BONANZA FEDERAL 3-15	15	100S	230E	4304731278	8406		1	GW	P	NENW		1	MVRD	P	U-38428	N2995

★ not moved into unit

BONANZA 1023-15H	15	100S	230E	4304738316	16688		1	GW	P	SENE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15J	15	100S	230E	4304738817	16988		1	GW	P	NWSE		1	MVRD	P	UTU-38427	N2995
BONANZA 1023-15H4CS	15	100S	230E	4304750741	17492		1	GW	P	NESE	D	1	MVRD	P	UTU 38427	N2995
BONANZA 1023-15I2AS	15	100S	230E	4304750742	17493		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15I4BS	15	100S	230E	4304750743	17490		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
BONANZA 1023-15P1BS	15	100S	230E	4304750744	17491		1	GW	P	NESE	D	1	WSMVD	P	UTU 38427	N2995
LOOKOUT POINT STATE 1-16	16	100S	230E	4304730544	1495		3	GW	P	NESE		3	WSMVD	P	ML-22186-A	N2995
BONANZA 1023-16J	16	100S	230E	4304737092	15987		3	GW	OPS	NWSE		3	WSMVD	OPS	ML-22186-A	N2995
BONANZA 1023-17B	17	100S	230E	4304735747	15165		1	GW	P	NWNE		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17C	17	100S	230E	4304738237	16585		1	GW	P	NENW		1	WSMVD	P	UTU-37355	N2995
BONANZA 1023-17D3S	17	100S	230E	4304750511	17943		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E2S	17	100S	230E	4304750512	17944		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3AS	17	100S	230E	4304750513	17945		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-17E3CS	17	100S	230E	4304750514	17946		1	GW	P	NENW	D	1	WSMVD	P	UTU 37355	N2995
BONANZA 1023-18G	18	100S	230E	4304735621	14410		1	GW	P	SWNE		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18B	18	100S	230E	4304735721	14395		1	GW	P	NWNE		1	WSMVD	P	U-38421	N2995
BONANZA 1023-18DX (RIGSKID)	18	100S	230E	4304736218	14668		1	GW	P	NWNW		1	WSMVD	P	U-38241	N2995
BONANZA 1023-18A	18	100S	230E	4304738243	16625		1	GW	P	NENE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18F	18	100S	230E	4304738244	16624		1	GW	P	SENW		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18E	18	100S	230E	4304738245	16645		1	GW	P	SWNW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18C	18	100S	230E	4304738246	16734		1	GW	P	NENW		1	MVRD	P	UTU-38421	N2995
BONANZA 1023-18G-1	18	100S	230E	4304738916	17135		1	GW	P	SWNE		1	WSMVD	P	UTU-38421	N2995
BONANZA 1023-18D3AS	18	100S	230E	4304750448	17498		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18D3DS	18	100S	230E	4304750449	17499		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E2DS	18	100S	230E	4304750450	17497		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18E3AS	18	100S	230E	4304750451	17496		1	GW	P	SENW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L2S	18	100S	230E	4304750520	18111		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18L3S	18	100S	230E	4304750521	18110		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3AS	18	100S	230E	4304751061	18112		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18K3BS	18	100S	230E	4304751063	18113		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2AS	18	100S	230E	4304751064	18117		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18M2DS	18	100S	230E	4304751065	18116		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2AS	18	100S	230E	4304751066	18114		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-18N2DS	18	100S	230E	4304751067	18115		1	GW	P	SWNW	D	1	WSMVD	P	UTU 38421	N2995
BONANZA 1023-10F	10	100S	230E	4304738225	16565			GW	P	SENW			MVRD	P	UTU 72028	N2995
BONANZA 1023-6D1AS	6	100S	230E	4304751450	18320			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995
BONANZA 1023-6C1CS	6	100S	230E	4304751448	18319			GW		NENW	D				UTU 38419	N2995
BONANZA 1023-6D3AS	6	100S	230E	4304751452	18317			GW	P	NENW	D		WSMVD	P	UTU 38419	N2995